



February 28, 2005

SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

ATTN: MR. RUSTY BENKOSKY

SITE: BULK PLANT 0220
720 NORTH FRANKLIN STREET
FORT BRAGG, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2005

This Quarterly Monitoring Report for Bulk Plant 0220 is being sent to you for your review and comment. If no comments are received by **March 7, 2005**, all copies of this report will be sent to you for distribution.

Please send all comments to me at dlee@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7382.

Sincerely,

TRC

A handwritten signature in black ink that reads "Daniel Lee".

Daniel Lee
Technical Writer



Customer-Focused Solutions

February 28, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS KOSEL

SITE: BULK PLANT 0220
720 NORTH FRANKLIN STREET
FORT BRAGG, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2005

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Bulk Plan 0220, located at 720 North Franklin Street, Fort Bragg, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

A handwritten signature in black ink that appears to read "Anju Farfan".

Anju Farfan
QMS Operations Manager

CC: Mr. Rusty Benkosky, SECOR International, Inc. (4 copies)

Enclosures
20-0400/0220R06.QMS



**QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2005**

BULK PLANT 0220
720 North Franklin Street
Fort Bragg, California

Prepared For:

Mr. Thomas Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, CA 95818

By:

A handwritten signature of "Dennis E. Jensen" is positioned to the left of a circular official seal. The seal is for a "CERTIFIED ENGINEERING GEOLOGIST" named "DENNIS E. JENSEN" from the "STATE OF CALIFORNIA". It includes the number "No. EG 1034" and an expiration date of "Exp. 4/05".

Senior Project Geologist, Irvine Operations
February 25, 2005

LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
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Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map Figure 6: Dissolved-Phase TPH-D Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
January 2005 through March 2005
Bulk Plant 0220
720 North Franklin Street
Fort Bragg, CA

Project Coordinator: **Thomas Kosek**
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**
Compiled by: **Daniel Lee**

Date(s) of Gauging/Sampling Event: **2/3/2005**

Sample Points

Groundwater wells: **6** onsite, **6** offsite Wells gauged: **12** Wells sampled: **11**

Purging method: **Diaphragm pump**

Purge water disposal: **Onyx/Rodeo Unit 100**

Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**

LPH removal frequency: **n/a** Method: **n/a**

Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **7.95 feet** Maximum: **12.29 feet**

Average groundwater elevation (relative to available local datum): **66.04 feet**

Average change in groundwater elevation since previous event: **3.56 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.02 ft/ft, northwest**

Previous event: **0.02 ft/ft, northwest (11/10/2004)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPH-D** **5** Maximum: **11,000 µg/l (MW-8)**

Wells with **TPPH 8260B** **6** Maximum: **9,900 µg/l (MW-8)**

Wells with **MTBE** **0**

Notes:

MW5 = Monitored Only

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	= not analyzed, measured, or collected
LPH	= liquid-phase hydrocarbons
Trace	= less than 0.01 foot of LPH in well
$\mu\text{g/l}$	= micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	= milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	= not detected at or above laboratory detection limit
TOC	= top of casing (surveyed reference elevation)

ANALYTES

BTEX	= benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	= di-isopropyl ether
ETBE	= ethyl tertiary butyl ether
MTBE	= methyl tertiary butyl ether
PCB	= polychlorinated biphenyls
PCE	= tetrachloroethene
TBA	= tertiary butyl alcohol
TCA	= trichloroethane
TCE	= trichloroethylene
TPH-G	= total petroleum hydrocarbons with gasoline distinction
TPH-D	= total petroleum hydrocarbons with diesel distinction
TPPH	= total purgeable petroleum hydrocarbons
TRPH	= total recoverable petroleum hydrocarbons
TAME	= tertiary amyl methyl ether
1,1-DCA	= 1,1-dichloroethane
1,2-DCA	= 1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	= 1,1-dichloroethene
1,2-DCE	= 1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation - Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to re-survey.

REFERENCE

TRC began groundwater monitoring and sampling Bulk Plant 0220 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 3, 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
2/3/2005	77.64	10.92	0.00	66.72	2.80	450	--	160	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2		(Screen Interval in feet: 10.5-25.5)												
2/3/2005	77.98	10.79	0.00	67.19	3.13	--	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3		(Screen Interval in feet: 10.0-22.0)												
2/3/2005	76.82	10.81	0.00	66.01	2.82	230	--	110	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4		(Screen Interval in feet: 10.0-20.0)												
2/3/2005	78.95	11.46	0.00	67.49	3.10	--	--	3200	ND<0.50	ND<0.50	ND<1.0	--	ND<2.5	
MW-5		(Screen Interval in feet: 10.0-20.0)												
2/3/2005	79.77	12.29	0.00	67.48	4.74	--	--	--	--	--	--	--	--	Monitored Only
MW-6		(Screen Interval in feet: 8.0-18.0)												
2/3/2005	76.32	9.29	0.00	67.03	2.71	200	--	52	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-7		(Screen Interval in feet: 8.0-18.0)												
2/3/2005	77.90	8.93	0.00	68.97	3.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8		(Screen Interval in feet: 6.0-18.0)												
2/3/2005	74.58	9.25	0.00	65.33	3.85	11000	--	9900	ND<0.50	ND<0.50	ND<1.0	--	ND<2.5	
MW-9		(Screen Interval in feet: 9.0-20.0)												
2/3/2005	73.31	7.95	0.00	65.36	4.10	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10		(Screen Interval in feet: 4.0-19.0)												
2/3/2005	72.23	9.03	0.00	63.20	4.00	--	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11		(Screen Interval in feet: 4.0-20.0)												
2/3/2005	73.76	9.35	0.00	64.41	4.27	150	--	260	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12		(Screen Interval in feet: 4.0-19.0)												
2/3/2005	72.96	9.68	0.00	63.28	3.52	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPH-8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 (Screen Interval in feet: 10.5-20.5)															
2/7/1989	--	--	--	--	--	120000	4900	--	31	12	26	53	--	--	
8/3/1989	--	--	--	--	--	5000	270	--	ND	ND	ND	ND	--	--	
10/26/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
1/26/1990	--	--	--	--	--	1200	1500	--	50	23	1.0	100	--	--	
4/30/1990	--	--	--	--	--	1100	690	--	0.89	ND	1.8	0.59	--	--	
7/30/1990	--	--	--	--	--	1100	740	--	2.0	3.2	3.7	1.1	--	--	
10/29/1990	--	--	--	--	--	330	ND	--	ND	ND	ND	ND	--	--	
1/29/1991	--	--	--	--	--	940	94	--	ND	ND	ND	ND	--	--	
4/26/1991	--	--	--	--	--	290	ND	--	ND	ND	ND	ND	--	--	
7/19/1991	--	--	--	--	--	3500	ND	--	ND	ND	ND	ND	--	--	
10/21/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/21/1992	--	--	--	--	--	250	220	--	ND	ND	ND	ND	--	--	
4/24/1992	--	--	--	--	--	330	ND	--	ND	ND	ND	ND	--	--	
7/28/1992	--	--	--	--	--	420	ND	--	ND	ND	ND	ND	--	--	
10/26/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/1993	77.32	13.32	0.00	65.89	--	180	220	--	ND	ND	ND	ND	--	--	
4/30/1993	77.32	11.43	0.00	64.00	-1.89	180	ND	--	ND	ND	ND	ND	--	--	
7/29/1993	77.32	14.50	0.00	62.60	-1.40	130	150	--	ND	ND	ND	ND	--	--	
10/27/1993	77.10	12.28	0.00	64.82	2.22	200	90	--	ND	ND	ND	ND	--	--	
1/24/1994	77.10	11.73	0.00	65.37	0.55	270	180	--	ND	ND	ND	ND	--	--	
4/15/1994	77.10	14.52	0.00	62.58	-2.79	80	ND	--	ND	1.3	ND	1.0	--	--	
9/14/1994	77.10	8.74	0.00	68.36	5.78	190	110	--	ND	ND	0.66	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPH-H 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued															
8/22/1995	77.10	13.75	0.00	63.35	-5.01	95	120	--	ND	ND	ND	ND	0.65	--	--
2/27/1996	77.10	9.32	0.00	67.78	4.43	500	190	--	ND	ND	ND	ND	0.57	--	--
8/27/1996	77.08	13.80	0.00	63.28	--	79	ND	--	ND	ND	ND	ND	--	--	--
2/20/1997	77.08	10.21	0.00	66.87	--	440	190	--	ND	ND	ND	ND	--	--	Covered by dirt
8/19/1997	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Covered by dirt
2/17/1998	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	
8/4/1998	77.08	13.11	0.00	63.97	--	128	60.1	--	ND	ND	ND	ND	--	--	
2/19/1999	77.08	9.21	0.00	67.87	3.90	450	72	--	ND	ND	ND	ND	--	--	
5/19/1999	77.08	11.75	0.00	65.33	-2.54	ND	ND	--	ND	ND	ND	ND	--	--	
8/5/1999	77.08	15.48	0.00	61.60	-3.73	800	ND	--	ND	ND	ND	ND	--	--	
11/24/1999	77.08	12.10	0.00	64.98	3.38	--	--	--	--	--	--	--	--	--	
2/15/2000	77.08	9.76	0.00	67.32	2.34	5400	630	--	ND	ND	ND	ND	--	--	
5/11/2000	77.08	11.80	0.00	65.28	-2.04	--	--	--	ND	ND	ND	ND	--	--	
8/9/2000	77.08	14.60	0.00	62.48	-2.80	690	120	--	ND	ND	ND	ND	--	--	
11/27/2000	77.08	12.98	0.00	64.10	1.62	--	--	--	ND	ND	ND	ND	--	--	
2/14/2001	77.08	11.81	0.00	65.27	1.17	3960	6900	--	ND	ND	ND	ND	--	--	
5/11/2001	77.08	12.04	0.00	65.04	-0.23	--	--	--	ND	ND	ND	ND	--	--	
8/9/2001	77.08	14.50	0.00	62.58	-2.46	320	55	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.8	2.5	
11/30/2001	77.08	11.63	0.00	65.45	2.87	--	--	--	ND	ND	ND	ND	--	--	
2/7/2002	77.08	10.51	0.00	66.57	1.12	3500	380	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/2002	77.08	12.43	0.00	64.65	-1.92	--	--	--	ND	ND	ND	ND	--	--	
8/15/2002	77.08	14.83	0.00	62.25	-2.40	1100	100	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/2002	77.08	13.84	0.00	63.24	0.99	--	--	--	ND	ND	ND	ND	--	--	
2/13/2003	77.08	10.45	0.00	66.63	3.39	37000	82	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.95	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued															
5/16/2003	77.08	10.35	0.00	66.73	0.10	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/2003	77.08	13.94	0.00	63.14	-3.59	270000	--	7000	ND<5.0	ND<5.0	ND<10	--	--	ND<20	Sampled Semi-annually
12/22/2003	77.08	11.41	0.00	65.67	2.53	--	--	--	--	--	--	--	--	--	Inaccessible
2/24/2004	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
5/6/2004	77.08	12.05	0.00	65.03	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/4/2004	77.40	14.03	0.00	63.37	-1.66	100	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	Sampled semi-annually
11/10/2004	77.64	13.72	0.00	63.92	0.55	--	--	--	--	--	--	--	--	--	ND<0.50
2/3/2005	77.64	10.92	0.00	66.72	2.80	450	--	160	ND<0.50	ND<0.50	ND<1.0	--	--	--	ND<0.50
MW-2 (Screen Interval in feet: 10.5-25.5)															
2/7/1989	--	--	--	--	--	1900	2800	--	4.1	ND	ND	7.4	--	--	--
8/3/1989	--	--	--	--	--	4800	74	--	ND	ND	ND	ND	--	--	--
10/26/1989	--	--	--	--	--	ND	1400	--	ND	ND	ND	ND	--	--	--
1/26/1990	--	--	--	--	--	73	480	--	0.5	1.0	1.9	9.0	--	--	--
4/30/1990	--	--	--	--	--	230	340	--	ND	7.1	8.2	2.4	--	--	--
7/30/1990	--	--	--	--	--	340	70	--	0.45	ND	2.9	0.6	--	--	--
10/29/1990	--	--	--	--	--	ND	ND	--	ND	3.0	ND	ND	--	--	--
1/29/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
4/26/1991	--	--	--	--	--	71	ND	--	ND	ND	ND	ND	--	--	--
7/19/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
10/21/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
1/21/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
4/24/1992	--	--	--	--	--	77	ND	--	ND	ND	ND	ND	--	--	--
7/28/1992	--	--	--	--	--	61	ND	--	ND	ND	ND	ND	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-2 continued															
10/26/1992	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	--	--
1/27/1993	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	--	--
4/30/1993	77.94	11.42	0.00	66.52	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
7/29/1993	77.94	13.13	0.00	64.81	-1.71	ND	ND	--	ND	ND	ND	ND	ND	--	--
10/27/1993	77.52	14.11	0.00	63.41	-1.40	--	--	--	--	--	--	--	--	--	--
1/24/1994	77.52	12.20	0.00	65.32	1.91	ND	ND	--	ND	ND	ND	ND	ND	--	--
4/15/1994	77.52	11.50	0.00	66.02	0.70	--	--	--	--	--	--	--	--	--	--
9/14/1994	77.52	14.10	0.00	63.42	-2.60	70	ND	--	ND	ND	1.4	ND	1.2	--	--
2/10/1995	77.52	8.68	0.00	68.84	5.42	ND	ND	--	ND	ND	ND	ND	ND	--	--
8/22/1995	77.52	13.45	0.00	64.07	-4.77	ND	ND	--	ND	ND	ND	ND	ND	--	--
2/27/1996	77.52	9.20	0.00	68.32	4.25	110	ND	--	ND	ND	ND	ND	ND	--	--
8/27/1996	77.52	13.54	0.00	63.98	--	ND	ND	--	ND	ND	8.0	ND	ND	--	--
2/20/1997	77.52	10.00	0.00	67.52	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
8/19/1997	77.52	13.64	0.00	63.88	-3.64	ND	ND	--	ND	ND	ND	ND	ND	--	--
2/17/1998	77.52	8.28	0.00	69.24	5.36	ND	ND	--	ND	ND	ND	ND	ND	--	--
8/4/1998	77.52	12.92	0.00	64.60	-4.64	ND	ND	--	ND	ND	ND	ND	ND	--	--
2/19/1999	77.52	8.81	0.00	68.71	4.11	ND	ND	--	ND	ND	1.6	ND	ND	--	--
5/19/1999	77.52	11.57	0.00	65.95	-2.76	ND	ND	--	ND	ND	ND	ND	ND	--	--
8/5/1999	77.52	14.47	0.00	63.05	-2.90	ND	ND	--	ND	ND	ND	ND	ND	--	--
11/24/1999	77.52	11.95	0.00	65.57	2.52	--	--	--	--	--	--	--	--	--	--
2/15/2000	77.52	9.53	0.00	67.99	2.42	ND	ND	--	ND	ND	ND	ND	ND	4.3	6.3
5/11/2000	77.52	11.60	0.00	65.92	-2.07	--	--	--	--	--	--	--	--	--	--
8/9/2000	77.52	14.47	0.00	63.05	-2.87	320	270	--	ND	ND	ND	ND	ND	--	--
11/27/2000	77.52	12.73	0.00	64.79	1.74	--	--	--	--	--	--	--	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 02220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-2 continued															
2/14/2001	77.52	11.60	0.00	65.92	1.13	ND	ND	ND	ND	ND	ND	ND	ND	--	Sampled semi-annually
5/11/2001	77.52	11.88	0.00	65.64	-0.28	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
8/9/2001	77.52	14.36	0.00	63.16	-2.48	110	ND<50	--	--	--	--	--	--	--	Sampled semi-annually
11/3/2001	77.52	11.50	0.00	66.02	2.86	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
2/7/2002	77.52	10.25	0.00	67.27	1.25	79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
5/10/2002	77.52	12.32	0.00	65.20	-2.07	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/15/2002	77.52	14.69	0.00	62.83	-2.37	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	Sampled semi-annually
11/14/2002	77.52	13.68	0.00	63.84	1.01	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/13/2003	77.52	10.25	0.00	67.27	3.43	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	Sampled semi-annually
5/16/2003	77.52	10.17	0.00	67.35	0.08	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/2003	77.52	13.76	0.00	63.76	-3.59	66	--	770	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled Semi-annually
12/22/2003	77.52	11.12	0.00	66.40	2.64	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
2/24/2004	77.52	9.41	0.00	68.11	1.71	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Monitored only, sampled semi-annually
5/6/2004	77.52	11.84	0.00	65.68	-2.43	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
8/4/2004	77.98	13.89	0.00	64.09	-1.59	110	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled semi-annually
11/10/2004	77.98	13.92	0.00	64.06	-0.03	--	--	--	--	--	--	--	--	--	Sampled semi-annually
2/3/2005	77.98	10.79	0.00	67.19	3.13	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Sampled semi-annually
MW-3	(Screen Interval in feet: 10.0-22.0)														
2/7/1989	--	--	--	--	--	8100	7700	--	7.1	1.6	1.9	9.7	--	--	
8/3/1989	--	--	--	--	--	3500	490	--	ND	ND	ND	ND	--	--	
10/26/1989	--	--	--	--	--	ND	2400	--	ND	ND	ND	ND	--	--	
1/26/1990	--	--	--	--	--	210	93	--	ND	ND	ND	ND	--	--	
4/30/1990	--	--	--	--	--	80	120	--	ND	3.8	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued															
7/30/1990	-	-	-	-	-	31.0	160	-	ND	2.1	ND	ND	-	-	-
10/29/1990	-	-	-	-	-	220	34	-	ND	10	ND	ND	-	-	-
1/29/1991	-	-	-	-	-	89	ND	-	ND	ND	ND	ND	-	-	-
4/26/1991	-	-	-	-	-	170	ND	-	ND	ND	ND	ND	-	-	-
7/19/1991	-	-	-	-	-	69	ND	-	ND	ND	ND	ND	-	-	-
10/21/1991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Inaccessible
1/21/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Inaccessible
4/24/1992	-	-	-	-	-	ND	ND	-	ND	ND	ND	ND	-	-	-
7/28/1992	-	-	-	-	-	ND	ND	-	ND	ND	ND	ND	-	-	-
10/26/1992	-	-	-	-	-	ND	ND	-	ND	ND	ND	ND	-	-	-
1/27/1993	-	-	-	-	-	ND	ND	-	ND	ND	ND	ND	-	-	-
4/30/1993	76.81	11.46	0.00	65.35	-	ND	ND	-	ND	ND	ND	ND	-	-	-
7/29/1993	76.81	13.01	0.00	63.80	-1.55	ND	ND	-	ND	ND	ND	ND	-	-	-
10/27/1993	76.33	13.68	0.00	62.65	-1.15	-	-	-	-	-	-	-	-	-	-
1/24/1994	76.33	11.78	0.00	64.55	1.90	170	ND	-	ND	ND	ND	ND	-	-	-
4/15/1994	76.33	11.40	0.00	64.93	0.38	-	-	-	ND	ND	ND	ND	-	-	-
9/14/1994	76.33	13.68	0.00	62.65	-2.28	85	ND	-	ND	1.4	ND	1.4	-	-	-
2/10/1995	76.33	8.33	0.00	68.00	5.35	ND	ND	-	ND	ND	ND	ND	-	-	-
8/22/1995	76.33	13.09	0.00	63.24	-4.76	ND	ND	-	ND	ND	ND	ND	-	-	-
2/27/1996	76.33	9.05	0.00	67.28	4.04	61	ND	-	ND	ND	ND	ND	-	-	-
8/27/1996	76.32	13.16	0.00	63.16	--	ND	ND	-	ND	8.1	ND	ND	-	-	-
2/20/1997	76.32	9.88	0.00	66.44	--	ND	ND	-	ND	ND	ND	ND	-	-	-
8/19/1997	76.32	13.29	0.00	63.03	-3.41	ND	ND	-	ND	ND	ND	ND	-	-	-
2/17/1998	76.32	7.97	0.00	68.35	5.32	1100	ND	--	ND	ND	ND	ND	-	-	-

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPH-H 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-3 continued															
8/4/1998	76.32	12.70	0.00	63.62	-4.73	ND	ND	ND	ND	ND	ND	ND	ND	--	--
2/19/1999	76.32	8.67	0.00	67.65	4.03	ND	ND	ND	ND	ND	ND	ND	ND	--	--
5/19/1999	76.32	11.52	0.00	64.80	-2.85	ND	ND	ND	ND	ND	ND	ND	ND	--	--
8/5/1999	76.32	13.93	0.00	62.39	2.41	ND	ND	ND	ND	ND	ND	ND	ND	--	--
11/24/1999	76.32	11.68	0.00	64.64	2.25	--	--	--	--	--	--	--	--	--	--
2/15/2000	76.32	9.49	0.00	66.83	2.19	8800	710	--	ND	ND	ND	ND	ND	--	--
5/11/2000	76.32	11.41	0.00	64.91	-1.92	--	--	--	--	--	--	--	--	--	--
8/9/2000	76.32	13.93	0.00	62.39	-2.52	14000	2400	--	ND	ND	ND	ND	ND	--	--
11/27/2000	76.32	12.61	0.00	63.71	1.32	--	--	--	--	--	--	--	--	--	--
2/14/2001	76.32	11.50	0.00	64.82	1.11	86.3	ND	--	ND	ND	ND	ND	ND	--	--
5/11/2001	76.32	11.79	0.00	64.53	-0.29	--	--	--	--	--	--	--	--	--	--
8/9/2001	76.32	13.88	0.00	62.44	-2.09	990	1200	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
11/30/2001	76.32	11.01	0.00	65.31	2.87	--	--	--	--	--	--	--	--	--	--
2/7/2002	76.32	10.17	0.00	66.15	0.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
5/10/2002	76.32	12.14	0.00	64.18	-1.97	--	--	--	--	--	--	--	--	--	--
8/15/2002	76.32	14.17	0.00	62.15	-2.03	3300	1400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--
11/14/2002	76.32	13.33	0.00	62.99	0.84	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
2/13/2003	76.32	13.09	0.00	63.23	0.24	280	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	--
5/16/2003	76.32	10.06	0.00	66.26	3.03	--	--	--	--	--	--	--	--	--	--
8/12/2003	76.32	13.42	0.00	62.90	-3.36	490	--	3200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	--
12/22/2003	76.32	11.22	0.00	65.10	2.20	--	--	--	--	--	--	--	--	--	--
2/24/2004	76.32	9.26	0.00	67.06	1.96	ND>50	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--
5/6/2004	76.32	11.78	0.00	64.54	-2.52	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued															
8/4/2004	76.82	13.71	0.00	63.11	-1.43	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50	
11/10/2004	76.82	13.63	0.00	63.19	0.08	500	--	84	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50	
2/3/2005	76.82	10.81	0.00	66.01	2.82	230	--	110	ND<50	ND<50	ND<50	ND<1.0	--	ND<0.50	
MW-4	(Screen Interval in feet: 10.0-20.0)														
2/7/1989	--	--	--	--	--	160000	8800	--	87	3.9	3.9	280	--	--	
8/3/1989	--	--	--	--	--	50000	3300	--	ND	ND	ND	ND	--	--	
10/26/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction	
1/26/1990	--	--	--	--	--	94000	17000	--	140	150	25	300	--	--	
4/30/1990	--	--	--	--	--	10000	2200	--	4.9	1.8	2.4	4.3	--	--	
7/30/1990	--	--	--	--	--	12000	2700	--	4.6	4.4	3.9	7.1	--	--	
10/29/1990	--	--	--	--	--	21000	1300	--	6.2	3.4	2.6	4.0	--	--	
1/29/1991	--	--	--	--	--	47000	6500	--	2.1	ND	3.1	4.6	--	--	
4/26/1991	--	--	--	--	--	2800	1600	--	ND	ND	ND	8.1	--	--	
7/19/1991	--	--	--	--	--	34000	1500	--	1.2	2.3	1.3	1.7	--	--	
10/21/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of a sheen	
1/21/1992	--	--	--	--	--	18000	590	--	1.0	0.62	0.69	2.3	--	--	
4/24/1992	--	--	--	--	--	22000	4400	--	ND	ND	ND	ND	--	--	
7/28/1992	--	--	--	--	--	28000	850	--	0.98	1.1	1.4	1.1	--	--	
10/26/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
1/27/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product	
4/30/1993	79.24	12.38	0.00	66.86	--	47000	2900	--	ND	ND	ND	ND	--	Sheen	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued															
7/29/1993	79.24	14.27	0.00	64.97	-1.89	260000	1200	--	5.2	ND	ND	3.2	--	--	Sheen
10/27/1993	78.93	15.48	0.00	63.45	-1.52	22000	1800	--	ND	ND	ND	ND	--	--	Sheen
1/24/1994	78.93	13.55	0.00	65.38	1.93	27000	940	--	ND	ND	ND	2.8	--	--	Sheen
4/15/1994	78.93	12.69	0.00	66.24	0.86	17000	3200	--	ND	ND	ND	2.6	10	--	--
9/14/1994	78.93	15.50	0.00	63.43	-2.81	18000	3400	--	ND	ND	19	ND	27	--	Sheen
2/10/1995	78.93	9.60	0.00	69.33	5.90	38000	81000	--	ND	ND	ND	ND	--	--	Sheen
8/22/1995	78.93	14.76	0.00	64.17	-5.16	48000	18000	--	ND	ND	ND	22	24	--	--
2/27/1996	78.93	9.11	0.00	69.82	5.65	260000	9500	--	ND	ND	ND	3.2	1.7	--	Sheen
8/27/1996	78.95	14.75	0.00	64.20	--	130000	110000	--	ND	ND	ND	ND	--	--	Sheen
2/20/1997	78.95	11.06	0.00	67.89	--	ND	150000	--	ND	ND	ND	ND	--	--	Sheen
8/19/1997	78.95	15.00	0.00	63.95	-3.94	88000	2300	--	ND	ND	ND	ND	--	--	Sheen
2/17/1998	78.95	9.14	0.00	69.81	5.86	90000	26000	--	ND	ND	ND	ND	--	--	Sheen
8/4/1998	78.95	14.06	0.00	64.89	-4.92	60000	16800	--	ND	ND	ND	ND	--	--	Sheen
2/19/1999	78.95	9.56	0.00	69.39	4.50	620	730	--	ND	ND	ND	ND	--	--	Sheen
5/19/1999	78.95	12.67	0.00	66.28	-3.11	ND	2400	--	ND	ND	ND	ND	--	--	Sheen
8/5/1999	78.95	15.42	0.00	63.53	-2.75	110000	1200	--	ND	ND	ND	ND	--	--	Sheen
11/24/1999	78.95	12.99	0.00	65.96	2.43	52000	21000	--	ND	ND	ND	ND	--	--	Sheen
2/15/2000	78.95	10.32	0.00	68.63	2.67	52000	4500	--	ND	ND	ND	ND	--	--	Sheen
5/11/2000	78.95	12.71	0.00	66.24	-2.39	7800	2400	--	5.2	ND	ND	18	ND	--	Sheen
8/9/2000	78.95	15.47	0.02	63.49	-2.75	69000	620000	--	ND	ND	ND	ND	--	--	Sheen
11/27/2000	78.95	13.78	0.00	65.17	1.68	210000	85000	--	ND	ND	ND	ND	--	--	Sheen
2/14/2001	78.95	12.67	0.00	66.28	1.11	82700	80000	--	ND	ND	ND	ND	--	--	Sheen
5/11/2001	78.95	13.10	0.00	65.85	-0.43	210000	24000	--	ND	ND	ND	ND	--	--	Sheen
8/9/2001	78.95	15.31	0.00	63.64	-2.21	71000	3600	--	ND<10	ND<10	14	ND<10	ND	ND<50	Sheen

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005

Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued															
11/30/2001	78.95	12.38	0.00	66.57	2.93	120000	3400	--	ND<1.0	1.0	2.9	ND<1.0	ND<5.0	--	
2/7/2002	78.95	11.42	0.00	67.53	0.96	210000	30000	--	ND<2.5	ND<2.5	15	19	ND<12	--	
5/10/2002	78.95	13.50	0.00	65.45	-2.08	790000	21000	--	ND<5.0	9.5	12	16	ND<25	--	
8/15/2002	78.95	15.76	0.00	63.19	-2.26	1700000	140000	--	ND<100	ND<100	ND<100	ND<100	ND<500	--	
11/14/2002	78.95	14.64	0.00	64.31	1.12	72000	91000	--	ND<50	ND<50	910	1800	ND<250	--	
2/13/2003	78.95	11.32	0.00	67.63	3.32	1300000	3100	--	ND<2.5	9.7	28	27	ND<10	--	
5/16/2003	78.95	11.20	0.00	67.75	0.12	240000	5000	--	ND<2.5	ND<2.5	19	21	ND<12	--	
8/12/2003	78.95	14.83	0.00	64.12	-3.63	570000	--	23000	ND<5.0	ND<5.0	ND<10	--	ND<20	--	
12/22/2003	78.95	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Equipment over well	
2/24/2004	78.95	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible	
5/6/2004	78.95	12.96	0.00	65.99	--	51000	--	940	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
8/4/2004	78.95	14.96	0.00	63.99	-2.00	200000	--	42000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<5.0	
11/10/2004	78.95	14.56	0.00	64.39	0.40	72000	--	3600	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
2/3/2005	78.95	11.46	0.00	67.49	3.10	--	--	3200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.5	
MW-5 (Screen Interval in feet: 10.0-20.0)															
4/1/1989	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
8/3/1989	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/1989	--	--	--	--	--	ND	2300	--	ND	ND	ND	ND	--	--	
1/26/1990	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/1990	--	--	--	--	--	ND	380	--	2.2	3.9	4.2	1.4	--	--	
7/30/1990	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/29/1990	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/29/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued															
4/26/1991	--	--	--	--	--	85	130	--	ND	ND	ND	ND	--	--	Inaccessible
7/19/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/1991	--	--	--	--	--	53	ND	--	ND	ND	ND	ND	--	--	
1/21/1992	--	--	--	--	--	60	ND	--	ND	ND	ND	ND	--	--	
4/24/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/28/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
1/27/1993	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
4/30/1993	80.24	13.74	0.00	66.50	--	ND	ND	--	ND	ND	ND	ND	--	--	
7/29/1993	80.24	15.61	0.00	64.63	-1.87	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/1993	79.75	16.52	0.00	63.23	-1.40	--	--	--	ND	ND	ND	ND	--	--	
1/24/1994	79.75	14.37	0.00	65.38	2.15	ND	ND	--	ND	ND	ND	ND	--	--	
4/15/1994	79.75	13.74	0.00	66.01	0.63	--	--	--	ND	ND	ND	ND	--	--	
9/14/1994	79.75	16.55	0.00	63.20	-2.81	90	ND	--	ND	ND	ND	ND	--	--	
2/10/1995	79.75	10.62	0.00	69.13	5.93	ND	ND	--	ND	ND	ND	ND	--	--	
8/22/1995	79.75	15.83	0.00	63.92	-5.21	ND	150	--	ND	ND	ND	ND	--	--	
2/27/1996	79.75	11.12	0.00	68.63	4.71	ND	ND	--	ND	ND	ND	ND	--	--	
8/27/1996	79.77	15.82	0.00	63.95	--	ND	ND	--	ND	ND	ND	ND	--	--	
2/20/1997	79.77	12.06	0.00	67.71	--	120000	ND	--	ND	ND	ND	ND	--	--	
8/19/1997	79.77	16.02	0.00	63.75	-3.96	460	ND	--	ND	ND	ND	ND	--	--	
2/17/1998	79.77	10.22	0.00	69.55	5.80	170	ND	--	ND	ND	ND	ND	--	--	
8/4/1998	79.77	15.45	0.00	64.32	-5.23	ND	ND	--	ND	ND	ND	ND	--	--	
2/19/1999	79.77	10.61	0.00	69.16	4.84	ND	ND	--	ND	ND	ND	ND	--	--	
5/19/1999	79.77	13.93	0.00	65.84	-3.32	ND	--	ND	ND	ND	ND	ND	--	--	

Sampled semi-annually
Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D ($\mu\text{g/l}$)	TPH-G 8260B ($\mu\text{g/l}$)	TPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethy-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-5 continued															
8/5/1999	79.77	16.27	0.00	63.50	-2.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	Sampled semi-annually
11/24/1999	79.77	13.42	0.00	66.35	2.85	-	-	-	-	-	-	-	-	-	-
2/15/2000	79.77	11.37	0.00	68.40	2.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	Sampled semi-annually
5/11/2000	79.77	14.07	0.00	65.70	-2.70	-	-	-	-	-	-	-	-	-	Sampled semi-annually
8/9/2000	79.77	16.26	0.00	63.51	-2.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	Sampled semi-annually
11/27/2000	79.77	15.24	0.00	64.53	1.02	-	-	-	-	-	-	-	-	-	Sampled semi-annually
2/14/2001	79.77	13.45	0.00	66.32	1.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	Sampled semi-annually
5/11/2001	79.77	14.29	0.00	65.48	-0.84	-	-	-	-	-	-	-	-	-	Sampled semi-annually
8/9/2001	79.77	16.18	0.00	63.59	-1.89	ND<50	ND<50	ND	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	Sampled semi-annually
11/30/2001	79.77	12.81	0.00	66.96	3.37	-	-	-	-	-	-	-	-	-	Sampled semi-annually
2/7/2002	79.77	12.45	0.00	67.32	0.36	64	ND<50	ND	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	Sampled semi-annually
5/10/2002	79.77	14.76	0.00	65.01	-2.31	-	-	-	-	-	-	-	-	-	Sampled semi-annually
8/15/2002	79.77	16.56	0.00	63.21	-1.80	51	ND<50	ND	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	Sampled semi-annually
11/14/2002	79.77	15.25	0.00	64.52	1.31	-	-	-	-	-	-	-	-	-	Sampled semi-annually
2/13/2003	79.77	12.36	0.00	67.41	2.89	ND<50	ND<50	ND	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	Sampled semi-annually
5/16/2003	79.77	12.28	0.00	67.49	0.08	-	-	-	-	-	-	-	-	-	Sampled semi-annually
8/12/2003	79.77	15.90	0.00	63.87	-3.62	ND<50	-	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	-	ND<2.0	Monitored Only - Not Sampled
12/22/2003	79.77	12.73	0.00	67.04	3.17	-	-	-	-	-	-	-	-	-	Monitored Only
2/24/2004	79.77	11.28	0.00	68.49	1.45	-	-	-	-	-	-	-	-	-	Monitored only
5/6/2004	79.77	14.37	0.00	65.40	-3.09	-	-	-	-	-	-	-	-	-	Monitored Only
8/4/2004	79.77	16.42	0.00	63.35	-2.05	-	-	-	-	-	-	-	-	-	Monitored Only
11/10/2004	79.77	17.03	0.00	62.74	-0.61	-	-	-	-	-	-	-	-	-	Monitored Only
2/3/2005	79.77	12.29	0.00	67.48	4.74	-	-	-	-	-	-	-	-	-	Monitored Only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 (Screen Interval in feet: 8.0-18.0)															
4/1/1989	--	--	--	--	--	400	ND	ND	ND	ND	ND	ND	ND	ND	--
8/3/1989	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
10/26/1989	--	--	--	--	--	ND	ND	1700	--	ND	ND	ND	ND	ND	--
1/26/1990	--	--	--	--	--	ND	ND	--	0.5	0.9	ND	1.2	--	--	--
4/30/1990	--	--	--	--	--	ND	ND	--	ND	ND	3.2	ND	0.6	--	--
7/30/1990	--	--	--	--	--	ND	ND	--	0.51	2.6	0.79	1.6	--	--	--
10/29/1990	--	--	--	--	--	ND	ND	--	ND	ND	8.7	ND	ND	--	--
1/29/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
4/26/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
7/19/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
10/21/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
1/21/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
4/24/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
7/28/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
10/26/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
1/27/1993	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
4/30/1993	76.76	10.52	0.00	66.24	--	ND	ND	--	ND	ND	ND	ND	ND	--	--
7/29/1993	76.76	11.97	0.00	64.79	-1.45	ND	ND	--	ND	ND	ND	ND	ND	--	--
10/27/1993	76.32	12.35	0.00	63.97	-0.82	--	--	--	--	--	--	--	--	--	--
1/24/1994	76.32	10.83	0.00	65.49	1.52	ND	ND	--	ND	ND	ND	ND	ND	--	--
4/15/1994	76.32	10.54	0.00	65.78	0.29	--	--	--	--	--	--	--	--	--	--
9/14/1994	76.32	12.34	0.00	63.98	-1.80	82	ND	--	ND	ND	1.6	ND	1.3	--	--
2/10/1995	76.32	7.69	0.00	68.63	4.65	ND	ND	--	ND	ND	ND	ND	ND	--	--
8/22/1995	76.32	11.90	0.00	64.42	-4.21	ND	ND	--	ND	ND	ND	ND	ND	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued															
2/27/1996	76.32	8.26	0.00	68.06	3.64	64	ND	—	ND	ND	ND	ND	ND	ND	—
8/27/1996	76.31	12.02	0.00	64.29	—	ND	70	—	ND	8.6	ND	ND	ND	—	—
2/20/1997	76.31	9.07	0.00	67.24	—	ND	ND	—	ND	ND	ND	ND	ND	ND	—
8/19/1997	76.31	12.09	0.00	64.22	-3.02	ND	ND	—	ND	ND	ND	ND	ND	ND	—
2/17/1998	76.31	7.28	0.00	69.03	4.81	82	ND	—	ND	ND	ND	ND	ND	ND	—
8/4/1998	76.31	11.86	0.00	64.45	-4.58	ND	141	—	ND	ND	ND	ND	ND	ND	—
2/19/1999	76.31	7.91	0.00	68.40	3.95	ND	ND	—	ND	ND	ND	ND	ND	ND	—
5/19/1999	76.31	10.58	0.00	65.73	-2.67	ND	ND	—	ND	ND	ND	ND	ND	ND	—
8/5/1999	76.31	12.84	0.00	63.47	-2.26	200	ND	—	ND	ND	ND	ND	ND	ND	—
11/24/1999	76.31	10.86	0.00	65.45	1.98	—	—	—	ND	ND	ND	ND	ND	ND	Sampled annually
2/15/2000	76.31	8.60	0.00	67.71	2.26	ND	ND	—	ND	ND	ND	ND	ND	ND	—
5/11/2000	76.31	10.65	0.00	65.66	-2.05	—	—	—	ND	ND	ND	ND	ND	ND	—
8/9/2000	76.31	12.62	0.00	63.69	-1.97	ND	ND	—	ND	ND	ND	ND	ND	ND	—
11/27/2000	76.31	11.77	0.00	64.54	0.85	—	—	—	ND	ND	ND	ND	ND	ND	—
2/14/2001	76.31	10.58	0.00	65.73	1.19	98.6	ND	—	ND	ND	ND	ND	ND	ND	—
5/11/2001	76.31	10.87	0.00	65.44	-0.29	—	—	—	—	—	—	—	—	—	Sampled semi-annually
8/9/2001	76.31	12.62	0.00	63.69	-1.75	—	—	—	—	—	—	—	—	—	Sampled annually
11/30/2001	76.31	10.34	0.00	65.97	2.28	—	—	—	—	—	—	—	—	—	Sampled annually
2/7/2002	76.31	9.30	0.00	67.01	1.04	ND<50	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	—
5/10/2002	76.31	11.30	0.00	65.01	-2.00	—	—	—	—	—	—	—	—	—	Sampled annually
8/15/2002	76.31	12.88	0.00	63.43	-1.58	—	—	—	—	—	—	—	—	—	Sampled annually
11/14/2002	76.31	12.20	0.00	64.11	0.68	—	—	—	—	—	—	—	—	—	Sampled annually
2/13/2003	76.31	9.19	0.00	67.12	3.01	78	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	—
5/16/2003	76.31	9.18	0.00	67.13	0.01	—	—	—	—	—	—	—	—	—	Sampled annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPH-H 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued															
8/12/2003	76.31	12.17	0.00	64.14	-2.99	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/2003	76.31	9.23	0.00	67.08	2.94	--	--	--	--	--	--	--	--	--	Sampled Annually
2/24/2004	76.31	8.37	0.00	67.94	0.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.0
5/6/2004	76.31	10.83	0.00	65.48	-2.46	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually
8/4/2004	76.32	12.86	0.00	63.46	-2.02	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/2004	76.32	12.00	0.00	64.32	0.86	--	--	--	--	--	--	--	--	--	Sampled annually
2/3/2005	76.32	9.29	0.00	67.03	2.71	200	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50
MW-7	(Screen Interval in feet: 8.0-18.0)														Inaccessible due to construction
4/1/1989	--	--	--	--	--	390	130	--	1.1	ND	ND	ND	--	--	--
8/3/1989	--	--	--	--	--	ND	54	--	1.4	0.93	0.71	0.35	--	--	--
10/26/1989	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/26/1990	--	--	--	--	--	53	180	--	5.0	4.0	ND	10	--	--	--
4/30/1990	--	--	--	--	--	ND	ND	72	--	ND	ND	0.62	--	--	--
7/30/1990	--	--	--	--	--	83	ND	--	ND	1.7	0.61	0.92	--	--	--
10/29/1990	--	--	--	--	--	110	ND	--	ND	3.2	ND	ND	--	--	--
1/29/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
4/26/1991	--	--	--	--	--	68	ND	--	ND	ND	ND	ND	--	--	--
7/19/1991	--	--	--	--	--	120	ND	--	ND	ND	ND	ND	--	--	--
10/21/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
1/21/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
4/24/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
7/28/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
10/26/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued															
1/27/1993	—	—	—	—	—	ND	ND	—	ND	ND	ND	ND	ND	—	—
4/30/1993	78.38	10.09	0.00	68.29	—	ND	ND	—	ND	ND	ND	ND	ND	—	—
7/29/1993	78.38	11.85	0.00	66.53	-1.76	ND	ND	—	ND	ND	ND	ND	ND	—	—
10/27/1993	77.86	13.17	0.00	64.69	-1.84	—	—	—	—	—	—	—	—	—	—
1/24/1994	77.86	11.10	0.00	66.76	2.07	78	ND	—	ND	ND	ND	ND	ND	—	—
4/15/1994	77.86	10.22	0.00	67.64	0.88	—	—	—	—	—	—	—	—	—	—
9/14/1994	77.86	13.15	0.00	64.71	-2.93	130	ND	—	ND	ND	1.2	ND	1.2	—	—
2/10/1995	77.86	7.25	0.00	70.61	5.90	ND	ND	—	ND	ND	ND	ND	ND	—	—
8/22/1995	77.86	12.35	0.00	65.51	-5.10	ND	ND	—	ND	ND	ND	ND	ND	—	—
2/27/1996	77.86	7.66	0.00	70.20	4.69	ND	ND	—	ND	ND	ND	ND	ND	—	—
8/27/1996	77.87	12.48	0.00	65.39	—	ND	ND	—	ND	ND	8.5	ND	ND	—	—
2/20/1997	77.87	8.59	0.00	69.28	—	ND	ND	—	ND	ND	ND	ND	ND	—	—
8/19/1997	77.87	12.59	0.00	65.28	-4.00	ND	ND	—	ND	ND	ND	ND	ND	—	—
2/17/1998	77.87	6.75	0.00	71.12	5.84	87	ND	—	ND	ND	ND	ND	ND	—	—
8/4/1998	77.87	11.79	0.00	66.08	-5.04	66.6	ND	—	ND	ND	ND	ND	ND	—	—
2/19/1999	77.87	7.12	0.00	70.75	4.67	ND	ND	—	ND	ND	ND	ND	ND	—	—
5/19/1999	77.87	10.58	0.00	67.29	-3.46	ND	ND	—	ND	ND	ND	ND	ND	—	—
8/5/1999	77.87	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11/24/1999	77.87	10.76	0.00	67.11	—	—	—	—	—	—	—	—	—	—	—
2/15/2000	77.87	7.85	0.00	70.02	2.91	ND	—	—	ND	ND	ND	ND	ND	ND	—
5/11/2000	77.87	10.48	0.00	67.39	-2.63	—	—	—	—	—	—	—	—	—	—
8/9/2000	77.87	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11/27/2000	77.87	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2/14/2001	77.87	10.31	0.00	67.56	—	102	ND	—	ND	ND	ND	ND	ND	ND	—

Sampled semi-annually

Sampled semi-annually

Dry well

Sampled annually

Dry well

Unable to locate

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
5/11/2001	77.87	11.11	0.00	66.76	-0.80	--	--	--	--	--	--	--	--	Sampled semi-annually
8/9/2001	77.87	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/30/2001	77.87	10.07	0.00	67.80	--	--	--	--	--	--	--	--	--	Sampled annually
2/7/2002	77.87	8.98	0.00	68.89	1.09	61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
5/10/2002	77.87	11.35	0.00	66.52	-2.37	--	--	--	--	--	--	--	--	Sampled annually
8/15/2002	77.87	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/14/2002	77.87	13.38	0.00	64.49	--	--	--	--	--	--	--	--	--	Sampled annually
2/13/2003	77.87	8.94	0.00	68.93	4.44	72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--
5/16/2003	77.87	8.81	0.00	69.06	0.13	--	--	--	--	--	--	--	--	Sampled annually
8/12/2003	77.87	14.13	0.00	63.74	-5.32	--	--	--	--	--	--	--	--	Sampled annually
12/22/2003	77.87	9.74	0.00	68.13	4.39	--	--	--	--	--	--	--	--	Sampled Annually
2/24/2004	77.87	7.88	0.00	69.99	1.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0
5/6/2004	77.87	10.60	0.00	67.27	-2.72	--	--	--	--	--	--	--	--	Monitored only, sampled annually
8/4/2004	77.90	12.59	0.00	65.31	-1.96	--	--	--	--	--	--	--	--	Monitored Only
11/10/2004	77.90	12.60	0.00	65.30	-0.01	--	--	--	--	--	--	--	--	Sampled annually
2/3/2005	77.90	8.93	0.00	68.97	3.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50
MW-8 (Screen Interval in feet: 6.0-18.0)														
4/1/1989	--	--	--	--	--	77000	1700	--	ND	ND	ND	ND	--	--
8/3/1989	--	--	--	--	--	1900	1600	--	ND	ND	ND	ND	--	--
10/26/1989	--	--	--	--	--	9400000	2500	--	ND	ND	ND	ND	--	--
1/26/1990	--	--	--	--	--	8900	10000	--	ND	6.0	10	20	--	--
4/30/1990	--	--	--	--	--	4600	1300	--	3.4	0.95	ND	5.3	--	--
7/30/1990	--	--	--	--	--	3300	1200	--	ND	1.3	3.1	7.7	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005

Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued													
10/29/1990	--	--	--	--	--	9500	1700	--	ND	0.78	2.4	ND	--
1/29/1991	--	--	--	--	--	3500	1400	--	ND	ND	0.91	ND	--
4/26/1991	--	--	--	--	--	11000	2400	--	ND	ND	ND	ND	--
7/19/1991	--	--	--	--	--	12000	590	--	ND	1.0	ND	ND	--
10/21/1991	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of a sheen
1/21/1992	--	--	--	--	--	43000	40000	--	ND	ND	ND	ND	--
4/24/1992	--	--	--	--	--	12000	3600	--	ND	ND	ND	ND	--
7/28/1992	--	--	--	--	--	26000	85000	--	ND	ND	ND	ND	--
10/26/1992	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
1/27/1993	--	--	--	--	--	8300	960	--	2.2	ND	1.3	4.2	--
4/30/1993	75.08	10.53	0.00	64.55	--	100000	4800	--	ND	ND	ND	ND	--
7/29/1993	75.08	12.13	0.00	62.95	-1.60	220000	800	--	ND	2.3	ND	ND	--
10/27/1993	74.60	12.92	0.00	61.68	-1.27	--	--	--	--	--	--	--	Not sampled - presence of free product
1/24/1994	74.60	10.87	0.00	63.73	2.05	1200	400	--	1.5	ND	1.1	1.4	--
4/15/1994	74.60	10.48	0.00	64.12	0.39	49000	2500	--	2.6	ND	ND	ND	--
9/14/1994	74.60	12.92	0.00	61.68	-2.44	--	--	--	--	--	--	--	Not sampled - presence of free product
2/10/1995	74.60	6.88	0.00	67.72	6.04	210000	160000	--	ND	ND	ND	ND	--
8/22/1995	74.60	12.18	0.00	62.42	-5.30	20000	1000000	--	ND	ND	ND	ND	--
2/27/1996	74.60	7.69	0.00	66.91	4.49	660000	370000	--	ND	ND	55	210	--
8/27/1996	74.57	12.31	0.00	62.26	--	14000	1100	--	ND	ND	ND	ND	--
2/20/1997	74.57	8.78	0.00	65.79	--	550	240	--	ND	1.3	0.72	2.1	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued															
8/19/1997	74.57	12.45	0.00	62.12	-3.67	200000	200000	--	ND	ND	ND	ND	ND	--	Sheen
2/17/1998	74.57	6.50	0.00	68.07	5.95	220000	200000	--	ND	ND	ND	ND	ND	210	Sheen
8/4/1998	74.57	11.92	0.00	62.65	-5.42	223000	1060000	--	ND	ND	ND	ND	ND	--	Sheen
2/19/1999	74.57	7.22	0.00	67.35	4.70	--	200	--	0.50	ND	ND	ND	ND	--	
5/19/1999	74.57	10.77	0.00	63.80	-3.55	ND	8900	--	ND	ND	ND	ND	ND	6.0	
8/5/1999	74.57	13.05	0.00	61.52	-2.28	48000	2060	--	ND	ND	ND	ND	ND	--	
11/24/1999	74.57	11.00	0.00	63.57	2.05	670000	370000	--	ND	ND	ND	ND	ND	--	Sheen
2/15/2000	74.57	8.25	0.00	66.32	2.75	320000	45000	--	ND	ND	ND	ND	ND	--	Sheen
5/11/2000	74.57	10.81	0.00	63.76	-2.56	660000	1500000	--	ND	ND	ND	ND	ND	--	Sheen
8/9/2000	74.57	13.02	0.00	61.55	-2.21	280000	1000000	--	ND	ND	ND	ND	ND	--	
11/27/2000	74.57	11.70	0.00	62.87	1.32	240000	56000	--	ND	ND	ND	ND	ND	--	
2/14/2001	74.57	10.63	0.00	63.94	1.07	3310	3100000	--	ND	ND	ND	ND	ND	--	
5/11/2001	74.57	10.88	0.00	63.69	-0.25	460000	26000	--	ND	ND	ND	ND	ND	--	
8/9/2001	74.57	12.94	0.00	61.63	-2.06	24000	8600	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	16	ND<25	
11/30/2001	74.57	10.58	0.00	63.99	2.36	300000	35000	--	ND<25	ND<25	ND<25	ND<25	ND<120	--	
2/7/2002	74.57	9.12	0.00	65.45	1.46	130000	43000	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	9.3	17	ND<12
5/10/2002	74.57	11.30	0.00	63.27	-2.18	470000	13000	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--	
8/15/2002	74.57	13.31	0.00	61.26	-2.01	4000000	270000	--	ND<2500	ND<2500	ND<2500	ND<2500	ND<12000	--	
11/14/2002	74.57	12.42	0.00	62.15	0.89	4300000	100000	--	ND<50	ND<50	ND<50	ND<50	ND<250	--	
2/13/2003	74.57	8.91	0.00	65.66	3.51	3600000	100000	--	ND<100	ND<100	ND<100	ND<100	ND<400	--	
5/16/2003	74.57	8.94	0.00	65.63	-0.03	580000	1600	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	8.9	400	ND<10
8/12/2003	74.57	12.57	0.00	62.00	-3.63	660000	--	210000	ND<50	ND<50	ND<50	ND<100	--	ND<200	
12/22/2003	74.57	10.46	0.00	64.11	2.11	150000	--	41000	--	--	--	--	--	--	
2/24/2004	74.57	7.92	0.00	66.65	2.54	2900	--	3300	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005

Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued															
5/6/2004	74.57	11.00	0.00	63.57	-3.08	12000	--	630	--	--	--	--	--	--	
8/4/2004	74.58	12.97	0.00	61.61	-1.96	50000	--	580	ND<2.5	ND<2.5	ND<5.0	--	--	ND<2.5	
11/10/2004	74.58	13.10	0.00	61.48	-0.13	140000	--	8500	ND<2.5	ND<2.5	ND<5.0	--	--	ND<2.5	
2/3/2005	74.58	9.25	0.00	65.33	3.85	11000	--	9900	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.5	
MW-9 (Screen Interval in feet: 9.0-20.0)															
4/1/1989	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
8/3/1989	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
10/26/1989	--	--	--	--	--	ND	25000	--	ND	ND	ND	ND	ND	ND	--
1/26/1990	--	--	--	--	--	300	ND	--	ND	ND	ND	ND	ND	ND	--
4/30/1990	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
7/30/1990	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
10/29/1990	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
1/29/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
4/26/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
7/19/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
10/21/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
1/21/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
4/24/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
7/28/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
10/26/1992	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
1/27/1993	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
4/30/1993	73.72	9.23	0.00	64.49	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--
7/29/1993	73.72	11.10	0.00	62.62	-1.87	ND	ND	--	ND	ND	ND	ND	ND	ND	--
10/27/1993	73.29	11.97	0.00	61.32	-1.30	--	--	--	--	--	--	--	--	--	--

Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water (feet)	I.PH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued															
1/24/1994	73.29	9.73	0.00	63.56	2.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
4/15/1994	73.29	9.24	0.00	64.05	0.49	-	-	-	-	-	-	-	-	-	-
9/14/1994	73.29	11.96	0.00	61.33	-2.72	110	ND	ND	ND	0.79	ND	ND	0.78	-	-
2/10/1995	73.29	5.74	0.00	67.55	6.22	91	ND	ND	ND	ND	ND	ND	ND	ND	-
8/22/1995	73.29	11.51	0.00	61.78	-5.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2/27/1996	73.29	6.52	0.00	66.77	4.99	65	ND	ND	ND	ND	ND	ND	ND	ND	-
8/27/1996	73.31	11.60	0.00	61.71	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2/20/1997	73.31	7.46	0.00	65.85	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
8/19/1997	73.31	11.70	0.00	61.61	-4.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2/17/1998	73.31	5.34	0.00	67.97	6.36	180	ND	ND	ND	ND	ND	ND	7.8	ND	-
8/4/1998	73.31	11.23	0.00	62.08	-5.89	ND	103	--	ND	ND	ND	ND	ND	ND	-
2/19/1999	73.31	6.12	0.00	67.19	5.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
5/19/1999	73.31	9.41	0.00	63.90	-3.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
8/5/1999	73.31	12.22	0.00	61.09	-2.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
11/24/1999	73.31	10.08	0.00	63.23	2.14	--	--	--	--	--	--	--	--	--	-
2/15/2000	73.31	7.05	0.00	66.26	3.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
5/11/2000	73.31	9.41	0.00	63.90	-2.36	--	--	--	--	--	--	--	--	--	-
8/9/2000	73.31	12.17	0.00	61.14	-2.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
11/27/2000	73.31	11.19	0.00	62.12	0.98	--	--	--	--	--	--	--	--	--	-
2/14/2001	73.31	9.39	0.00	63.92	1.80	68.7	ND	ND	ND	ND	ND	ND	ND	ND	-
5/11/2001	73.31	9.65	0.00	63.66	-0.26	--	--	--	--	--	--	--	--	--	-
8/9/2001	73.31	11.68	0.00	61.63	-2.03	--	--	--	--	--	--	--	--	--	-
11/30/2001	73.31	9.41	0.00	63.90	2.27	--	--	--	--	--	--	--	--	--	-
2/7/2002	73.31	7.78	0.00	65.53	1.63	ND<50	--	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	ND<2.5

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued															
5/10/2002	73.31	10.24	0.00	63.07	-2.46	--	--	--	--	--	--	--	--	--	
8/15/2002	73.31	12.44	0.00	60.87	-2.20	--	--	--	--	--	--	--	--	--	
11/14/2002	73.31	11.56	0.00	61.75	0.88	--	--	--	--	--	--	--	--	--	
2/13/2003	73.31	7.65	0.00	65.66	3.91	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	
5/16/2003	73.31	7.65	0.00	65.66	0.00	--	--	--	--	--	--	--	--	--	
8/12/2003	73.31	11.67	0.00	61.64	-4.02	--	--	--	--	--	--	--	--	--	
12/22/2003	73.31	9.28	0.00	64.03	2.39	--	--	--	--	--	--	--	--	--	
2/24/2004	73.31	6.74	0.00	66.57	2.54	130	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.0	
5/6/2004	73.31	9.88	0.00	63.43	-3.14	--	--	--	--	--	--	--	--	--	
8/4/2004	73.31	11.98	0.00	61.33	-2.10	--	--	--	--	--	--	--	--	--	
11/10/2004	73.31	12.05	0.00	61.26	-0.07	--	--	--	--	--	--	--	--	--	
2/3/2005	73.31	7.95	0.00	65.36	4.10	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND>0.50	
MW-10 (Screen Interval in feet: 4.0-19.0)															
8/3/1989	--	--	--	--	--	180	61	--	ND	ND	ND	ND	ND	--	
10/26/1989	--	--	--	--	--	690	13,000	--	ND	ND	ND	ND	ND	--	
1/26/1990	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	
4/30/1990	--	--	--	--	--	280	380	--	2.2	3.9	4.2	1.4	1.4	--	
7/30/1990	--	--	--	--	--	620	240	--	0.84	0.68	4.7	1.5	1.5	--	
10/29/1990	--	--	--	--	--	250	180	--	ND	0.56	0.73	0.62	0.62	--	
1/29/1991	--	--	--	--	--	250	130	--	ND	ND	ND	0.39	ND	--	
4/26/1991	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--	
7/19/1991	--	--	--	--	--	110	84	--	ND	ND	ND	ND	ND	--	
10/21/1991	--	--	--	--	--	200	60	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
1/21/1992	--	--	--	--	--	90	41	--	ND	ND	ND	ND	ND	--
4/24/1992	--	--	--	--	--	110	ND	--	ND	ND	ND	ND	ND	--
7/28/1992	--	--	--	--	--	130	ND	--	ND	ND	ND	ND	ND	--
10/26/1992	--	--	--	--	--	310	180	--	ND	ND	ND	ND	ND	--
1/27/1993	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	ND	--
4/30/1993	72.57	9.90	0.00	62.67	--	ND	ND	--	ND	ND	ND	ND	ND	--
7/29/1993	72.57	11.95	0.00	60.62	-2.05	51	ND	--	ND	ND	ND	ND	ND	--
10/27/1993	72.26	13.44	0.00	58.82	-1.80	180	64	--	0.51	0.54	0.54	1.4	--	--
1/24/1994	72.26	11.58	0.00	60.68	1.86	230	130	--	ND	ND	ND	ND	ND	--
4/15/1994	72.26	10.19	0.00	62.07	1.39	ND	ND	--	ND	ND	ND	ND	ND	--
9/14/1994	72.26	13.45	0.00	58.81	-3.26	200	ND	--	ND	ND	0.75	ND	1.3	--
2/10/1995	72.26	6.73	0.00	65.53	6.72	77	ND	--	ND	ND	ND	ND	ND	--
8/22/1995	72.26	13.05	0.00	59.21	-6.32	90	ND	--	ND	ND	ND	ND	ND	--
2/27/1996	72.26	7.53	0.00	64.73	5.52	670	ND	--	ND	ND	ND	ND	ND	--
8/27/1996	72.25	13.15	0.00	59.10	--	170	ND	--	ND	ND	ND	ND	ND	--
2/20/1997	72.25	8.26	0.00	63.99	--	160	ND	--	ND	ND	ND	ND	ND	--
8/19/1997	72.25	13.25	0.00	59.00	-4.99	ND	ND	--	ND	ND	ND	ND	ND	--
2/17/1998	72.25	6.34	0.00	65.91	6.91	360	ND	--	ND	ND	ND	ND	ND	--
8/4/1998	72.25	12.73	0.00	59.52	-6.39	176	ND	--	ND	ND	ND	ND	ND	--
2/19/1999	72.25	7.37	0.00	64.88	5.36	ND	ND	--	ND	ND	ND	ND	ND	--
5/19/1999	72.25	10.11	0.00	62.14	-2.74	ND	ND	--	ND	ND	ND	ND	ND	--
8/5/1999	72.25	13.47	0.00	58.78	-3.36	240	ND	--	ND	ND	ND	ND	ND	--
11/24/1999	72.25	11.85	0.00	60.40	1.62	--	--	--	--	ND	ND	ND	ND	--
2/15/2000	72.25	8.15	0.00	64.10	3.70	51	ND	--	ND	ND	ND	ND	ND	16
														25
														Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G 8260B (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued															
5/11/2000	72.25	10.42	0.00	61.83	-2.27	--	--	--	--	--	--	--	--	--	
8/9/2000	72.25	13.47	0.00	58.78	-3.05	ND	ND	--	ND	ND	ND	ND	--	--	
11/27/2000	72.25	12.65	0.00	59.60	0.82	--	--	--	--	--	--	--	--	--	
2/14/2001	72.25	10.88	0.00	61.37	1.77	220	ND	--	ND	ND	ND	ND	--	--	
5/11/2001	72.25	10.53	0.00	61.72	0.35	--	--	--	--	--	--	--	--	--	
8/9/2001	72.25	13.45	0.00	58.80	-2.92	82	62	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/2001	72.25	11.19	0.00	61.06	2.26	--	--	--	--	--	--	--	--	--	
2/7/2002	72.25	8.61	0.00	63.64	2.58	140	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/10/2002	72.25	11.20	0.00	61.05	-2.59	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
8/15/2002	72.25	13.64	0.00	58.61	-2.44	130	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/2002	72.25	13.26	0.00	58.99	0.38	--	--	--	--	--	--	--	--	--	
2/13/2003	72.25	8.42	0.00	63.83	4.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
5/16/2003	72.25	8.32	0.00	63.93	0.10	--	--	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	
8/12/2003	72.25	13.20	0.00	59.05	-4.88	190	--	--	--	--	--	--	--	--	
12/22/2003	72.25	10.88	0.00	61.37	2.32	--	--	--	250	ND<1.0	ND<1.0	ND<2.0	--	260	
2/24/2004	72.25	7.76	0.00	64.49	3.12	98	--	--	--	--	--	--	--	--	
5/6/2004	72.25	10.81	0.00	61.44	-3.05	--	--	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	--	
8/4/2004	72.23	12.84	0.00	59.39	-2.05	390	--	110	ND<0.50	ND<0.50	ND<1.0	--	70	--	
11/10/2004	72.23	13.03	0.00	59.20	-0.19	350	--	130	ND<0.50	ND<0.50	ND<1.0	--	43	--	
2/3/2005	72.23	9.03	0.00	63.20	4.00	--	--	--	--	--	--	--	--	ND<0.50	
MW-11 (Screen Interval in feet: 4.0-20.0)															
8/3/1989	--	--	--	--	--	540	77	--	ND	ND	ND	ND	--	--	
10/26/1989	--	--	--	--	--	420	20000	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPH-8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued															
1/26/1990	--	--	--	--	--	5100	1500	--	2.0	1.4	0.83	3.0	--	--	--
4/30/1990	--	--	--	--	--	1200	120	--	ND	0.8	ND	ND	--	--	--
7/30/1990	--	--	--	--	--	3100	2900	--	ND	1.4	1.2	1.7	--	--	--
10/29/1990	--	--	--	--	--	--	290	--	ND	ND	0.31	ND	--	--	--
1/29/1991	--	--	--	--	--	21000	3800	--	ND	ND	0.36	0.31	--	--	--
4/26/1991	--	--	--	--	--	2600	ND	--	ND	ND	ND	ND	--	--	--
7/19/1991	--	--	--	--	--	310	ND	--	ND	ND	ND	ND	--	--	--
10/21/1991	--	--	--	--	--	140	ND	--	ND	ND	ND	ND	--	--	--
1/21/1992	--	--	--	--	--	2600	150	--	ND	ND	ND	ND	--	--	--
4/24/1992	--	--	--	--	--	160	ND	--	ND	ND	ND	ND	--	--	--
7/28/1992	--	--	--	--	--	520	ND	--	ND	ND	ND	ND	--	--	--
10/26/1992	--	--	--	--	--	340	63	--	ND	ND	ND	ND	--	--	--
1/27/1993	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	--
4/30/1993	74.26	10.48	0.00	63.78	--	830	120	--	ND	ND	ND	ND	--	--	--
7/29/1993	74.26	12.13	0.00	62.13	-1.65	2000	ND	--	ND	ND	ND	ND	--	--	--
10/27/1993	73.83	14.20	0.00	59.63	-2.50	840	100	--	ND	ND	ND	ND	--	--	--
1/24/1994	73.83	11.84	0.00	61.99	2.36	6100	360	--	ND	ND	0.52	ND	1.3	--	--
4/15/1994	73.83	10.61	0.00	63.22	1.23	16000	660	--	ND	ND	ND	ND	--	--	--
9/14/1994	73.83	14.16	0.00	59.67	-3.55	15000	1000	--	ND	ND	ND	ND	--	--	--
2/10/1995	73.83	6.72	0.00	67.11	7.44	2100	100	--	ND	ND	ND	ND	--	--	--
8/22/1995	73.83	13.60	0.00	60.23	-6.88	560	150	--	ND	ND	ND	ND	--	--	--
2/27/1996	73.83	7.53	0.00	66.30	6.07	5300	320	--	ND	ND	ND	ND	--	--	--
8/27/1996	73.77	13.62	0.00	60.15	--	4200	ND	--	ND	ND	ND	ND	--	--	--
2/20/1997	73.77	8.56	0.00	65.21	--	55000	ND	--	ND	ND	ND	ND	--	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued															
8/19/1997	73.77	13.78	0.00	59.99	-5.22	68000	13000	--	ND	ND	ND	ND	ND	ND	Sheen
2/17/1998	73.77	6.30	0.00	67.47	7.48	280	ND	--	ND	ND	ND	ND	ND	ND	Sheen
8/4/1998	73.77	13.33	0.00	60.44	-7.03	1280	992	--	ND	ND	ND	ND	ND	ND	Sheen
2/19/1999	73.77	7.20	0.00	66.57	6.13	130	ND	--	ND	ND	ND	ND	ND	ND	--
5/19/1999	73.77	10.75	0.00	63.02	-3.55	ND	ND	--	ND	ND	ND	ND	ND	ND	--
8/5/1999	73.77	14.09	0.00	59.68	-3.34	3300	ND	--	ND	ND	ND	ND	ND	ND	--
11/24/1999	73.77	11.83	0.00	61.94	2.26	410000	280	--	0.50	0.59	ND	1.3	ND	ND	Sheen
2/15/2000	73.77	8.22	0.00	65.55	3.61	54000	2500	--	ND	ND	ND	ND	ND	84	41
5/11/2000	73.77	11.00	0.00	62.77	-2.78	39000	4400	--	ND	ND	ND	ND	ND	ND	--
8/9/2000	73.77	14.15	0.00	59.62	-3.15	8600	210	--	ND	ND	ND	ND	ND	ND	Sheen
11/27/2000	73.77	13.08	0.00	60.69	1.07	1500000	230000	--	ND	ND	ND	ND	ND	ND	--
2/14/2001	73.77	11.09	0.00	62.68	1.99	10100	2300	--	ND	ND	ND	ND	ND	ND	--
5/11/2001	73.77	11.07	0.00	62.70	0.02	340000	25000	--	ND	ND	ND	ND	ND	ND	--
8/9/2001	73.77	14.11	0.00	59.66	-3.04	10000	850	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
11/30/2001	73.77	11.29	0.00	62.48	2.82	42000	4100	--	ND<0.50	0.64	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
2/7/2002	73.77	9.00	0.00	64.77	2.29	2600	1300	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--
5/10/2002	73.77	11.89	0.00	61.88	-2.89	140000	5400	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--
8/15/2002	73.77	14.45	0.00	59.32	-2.56	32000	1100	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<12	ND<2.5	--
11/14/2002	73.77	13.96	0.00	59.81	0.49	--	19000	--	ND<50	ND<50	ND<50	ND<50	ND<250	ND<250	--
2/13/2003	73.77	8.78	0.00	64.99	5.18	3400	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	--
5/16/2003	73.77	8.80	0.00	64.97	-0.02	22000	74	--	ND>0.50	ND>0.50	ND>0.50	0.54	ND>2.5	ND>2.5	--
8/12/2003	73.77	13.88	0.00	59.89	-5.08	2000	--	880	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	--
12/22/2003	73.77	10.93	0.00	62.84	2.95	69000	--	4000	--	--	--	--	--	--	--
2/24/2004	73.77	7.81	0.00	65.96	3.12	130	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	IPH Thickness (feet)	Groundwater Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-11 continued															
5/6/2004	73.77	11.40	0.00	62.37	-3.59	900	--	ND<50	--	--	--	--	--	--	--
8/4/2004	73.76	13.35	0.00	60.41	-1.96	4400	--	680	ND<0.50	ND<0.50	ND<1.0	--	--	0.93	
11/10/2004	73.76	13.62	0.00	60.14	-0.27	6400	--	74	ND<0.50	ND<0.50	ND<1.0	--	--	0.58	
2/3/2005	73.76	9.35	0.00	64.41	4.27	150	--	260	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50	
MW-12 (Screen Interval in feet: 4.0-19.0)															
5/8/1996	72.96	10.20	0.00	62.76	--	220	ND	--	ND	ND	ND	ND	ND	ND	--
8/28/1996	72.96	13.72	0.00	59.24	--	ND	ND	--	ND	ND	7.0	ND	ND	ND	--
2/20/1997	72.96	8.87	0.00	64.09	4.85	61	ND	--	ND	ND	ND	ND	ND	ND	--
8/19/1997	72.96	13.83	0.00	59.13	-4.96	58	ND	--	ND	ND	ND	ND	ND	ND	--
2/17/1998	72.96	6.88	0.00	66.08	6.95	1000	ND	--	ND	ND	ND	ND	ND	ND	--
8/4/1998	72.96	13.31	0.00	59.65	-6.43	80.8	ND	--	ND	ND	ND	ND	ND	ND	--
2/19/1999	72.96	7.79	0.00	65.17	5.52	ND	ND	--	ND	ND	ND	ND	ND	ND	--
5/19/1999	72.96	10.69	0.00	62.27	-2.90	ND	ND	--	ND	ND	ND	ND	ND	ND	--
8/5/1999	72.96	14.03	0.00	58.93	-3.34	57	ND	--	ND	ND	ND	ND	ND	ND	--
11/24/1999	72.96	12.33	0.00	60.63	1.70	--	--	--	--	--	--	--	--	--	--
2/15/2000	72.96	8.65	0.00	64.31	3.68	ND	ND	--	ND	ND	ND	ND	ND	ND	--
5/11/2000	72.96	11.00	0.00	61.96	-2.35	--	--	--	--	--	--	--	--	--	--
8/9/2000	72.96	14.04	0.00	58.92	-3.04	ND	ND	--	ND	ND	ND	ND	ND	ND	5.5
11/27/2000	72.96	13.22	0.00	59.74	0.82	--	--	--	--	--	--	--	--	--	--
2/14/2001	72.96	11.33	0.00	61.63	1.89	69.9	ND	--	ND	ND	ND	ND	ND	ND	--
5/11/2001	72.96	11.11	0.00	61.85	0.22	--	--	--	--	--	--	--	--	--	--
8/9/2001	72.96	13.97	0.00	58.99	-2.86	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
11/30/2001	72.96	11.42	0.00	61.54	2.55	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
2/7/2002	72.96	9.27	0.00	63.69	2.15	97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through February 2005
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (µg/l)	TPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-12 continued															
5/10/2002	72.96	11.84	0.00	61.12	-2.57	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/15/2002	72.96	14.24	0.00	58.72	-2.40	ND>50	ND>50	--	--	--	--	--	--	--	Sampled semi-annually
11/14/2002	72.96	13.99	0.00	58.97	0.25	--	--	--	--	--	--	--	--	--	Inaccessible - car parked over well
2/13/2003	72.96	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
5/16/2003	72.96	8.96	0.00	64.00	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/12/2003	72.96	13.70	0.00	59.26	-4.74	1200	--	190	ND<0.50	2.7	1.0	7.1	--	ND<2.0	Sampled Semi-annually
12/22/2003	72.96	11.29	0.00	61.67	2.41	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
2/24/2004	72.96	8.23	0.00	64.73	3.06	ND>50	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	Sampled semi-annually
5/6/2004	72.96	11.42	0.00	61.54	-3.19	--	--	--	--	--	--	--	--	--	Sampled semi-annually
8/4/2004	72.96	13.46	0.00	59.50	-2.04	ND>50	--	110	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	Sampled semi-annually
11/10/2004	72.96	13.20	0.00	59.76	0.26	--	--	ND>50	ND<0.50	ND<0.50	ND<1.0	--	--	--	Sampled semi-annually
2/3/2005	72.96	9.68	0.00	63.28	3.52	ND>50	--	ND>50	ND<0.50	ND<0.50	ND<1.0	--	--	--	ND<0.50

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethylbenzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethylbenzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Isopropyl-DO Pre-Purge DO Post Purge DO Sulfate TDS Carbon-Dioxide ORP Fe+2 (mg/l) (mV)
MW-1								
8/22/1995	-	-	-	-	-	-	-	-
5/19/1999	-	-	-	-	-	0.18	0.21	-
8/5/1999	-	-	-	-	-	3.70	2.35	-
2/15/2000	-	-	-	-	-	3.85	3.76	-
8/9/2000	-	-	-	-	-	4.09	4.48	-
5/6/2004	-	-	-	-	-	4.63	-	-
8/4/2004	-	-	-	-	-	4.63	-	-
MW-2								
8/22/1995	-	-	-	-	-	0.28	0.32	-
5/19/1999	-	-	-	-	-	6.37	6.86	9.2
8/5/1999	-	-	-	-	-	7.87	8.05	-
2/15/2000	-	-	-	-	-	6.58	6.52	-
8/9/2000	-	-	-	-	-	7.49	-	-
2/24/2004	-	-	-	-	-	6.32	-	-
5/6/2004	-	-	-	-	-	4.26	-	-
8/4/2004	-	-	-	-	-	-	-	-
MW-3								
8/22/1995	-	-	-	-	-	0.28	0.38	-
5/19/1999	-	-	-	-	-	5.30	5.11	-
8/5/1999	-	-	-	-	-	6.50	6.40	-
2/15/2000	-	-	-	-	-	4.88	5.05	-
8/9/2000	-	-	-	-	-	3.19	-	-
2/24/2004	-	-	-	-	-	3.75	-	-
5/6/2004	-	-	-	-	-	4.21	-	-
8/4/2004	-	-	-	-	-	3.20	-	-
11/10/2004	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

	Date Sampled	n-Propyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Isopropyl-benzene (µg/l)	p-Isopropyl-toluene (µg/l)	Isopropyl-DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)	
MW-4															
	8/22/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/19/1999	-	-	-	-	-	-	-	-	0.18	0.17	ND	2.6	1.7	-
	8/5/1999	-	-	-	-	-	-	-	1.22	1.30	ND	2.3	4.2	-	68.5
	11/24/1999	-	-	-	-	-	-	-	3.81	4.55	ND	5.7	16	-	48.2
	2/15/2000	-	-	-	-	-	-	-	6.21	5.76	43	11	-	-	474
	5/11/2000	-	-	-	-	-	-	-	4.90	4.01	ND	2.7	5.2	-	56
	8/9/2000	13	34	3.0	40	67	4.8	15	3.22	3.09	ND	4.5	8.9	-	94
	11/27/2000	-	-	-	-	-	-	-	2.75	2.70	ND	7.4	ND	-	34
	2/14/2001	-	-	-	-	-	-	-	6.8	3.2	ND	13	22	-	46
	5/11/2001	-	-	-	-	-	-	-	5.2	3.4	0.206	5.3	7.5	-	63
	8/9/2001	-	-	-	-	-	-	-	6.4	3.3	ND<1.0	3.3	1.2	-	44
	11/30/2001	-	-	-	-	-	-	-	5.7	3.4	0.330	12	21	-	54
	2/7/2002	-	-	-	-	-	-	-	2.5	3.3	ND<0.200	8.200	11	-	63
	5/10/2002	-	-	-	-	-	-	-	1.1	-	0.270	4.600	18	-	61
	8/15/2002	-	-	-	-	-	-	-	2.6	-	ND<0.89	1.7	20	-	-15
	11/14/2002	-	-	-	-	-	-	-	1.6	-	ND<0.20	3.1	27	-	106
	2/13/2003	-	-	-	-	-	-	-	1.4	-	ND<0.20	8.8	11	-	18
	5/16/2003	-	-	-	-	-	-	-	1.4	-	2	15	13	-	55
	8/12/2003	-	-	-	-	-	-	-	1.3	-	ND<1.0	1.3	39	-	30
	5/6/2004	-	-	-	-	-	-	-	4.51	-	-	-	-	-	10
	8/4/2004	-	-	-	-	-	-	-	4.64	-	ND<1.0	5.1	-	-	3.3
	11/10/2004	-	-	-	-	-	-	-	1.48	-	-	-	-	-	9
	2/3/2005	-	-	-	-	-	-	-	-	1.1	76	-	-	2.4	-
MW-5															
	8/22/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/19/1999	-	-	-	-	-	-	-	0.32	0.38	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Isopropyl-benzene (µg/l)	p-Isopropyl-toluene (µg/l)	Isopropyl-toluene (µg/l)	Pre-Purge DO	Post Purge DO	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-5 continued 8/5/1999	-	-	-	-	-	-	-	-	-	6.94	4.31	-	-	-	-
2/15/2000	-	-	-	-	-	-	-	9.11	8.96	-	-	-	-	-	129
8/9/2000	-	-	-	-	-	-	-	6.45	4.90	-	-	5.7	-	-	94
5/6/2004	-	-	-	-	-	-	-	3.29	-	-	-	-	-	-	166
MW-6															
8/22/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/19/1999	-	-	-	-	-	-	-	0.32	0.32	-	-	-	-	-	-
8/5/1999	-	-	-	-	-	-	-	5.11	5.10	-	-	-	-	-	-
2/15/2000	-	-	-	-	-	-	-	6.23	5.90	-	-	-	-	-	203
8/9/2000	-	-	-	-	-	-	-	7.06	6.84	-	-	ND	-	-	266
2/24/2004	-	-	-	-	-	-	-	2.19	-	-	-	60	-	-	170
5/6/2004	-	-	-	-	-	-	-	1.59	-	-	-	-	-	-	210
MW-7															
8/22/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/19/1999	-	-	-	-	-	-	-	0.38	0.51	2.9	12	1.6	-	-	50.1
2/15/2000	-	-	-	-	-	-	-	7.95	8.56	9.4	12	-	-	-	228
2/14/2001	-	-	-	-	-	-	-	6.4	7.3	7.3	14	1.2	-	-	294
2/7/2002	-	-	-	-	-	-	-	6.5	6.8	3.400	13,000	ND<10	-	-	233
2/13/2003	-	-	-	-	-	-	-	5.6	-	5.0	14	ND<10	-	-	85
2/24/2004	-	-	-	-	-	-	-	5.57	-	-	-	35	-	-	223
5/6/2004	-	-	-	-	-	-	-	5.34	-	-	-	-	-	-	209
MW-8															
8/22/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/19/1999	-	-	-	-	-	-	-	0.04	0.10	ND	2.9	2.1	-	-	13.1
8/5/1999	-	-	-	-	-	-	-	0.57	2.00	ND	7.6	3.6	-	-	48.8
11/24/1999	-	-	-	-	-	-	-	4.87	5.21	ND	13	17	-	-	523

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene	n-Butyl-benzene	1,3,5-Trimethylbenzene	sec-Butyl-benzene	1,2,4-Trimethylbenzene	Isopropyl-benzene	p-Isopropyl-toluene	Isopropyl-toluene	Pre-Purge DO	Post Purge DO	NO3	Sulfate	Carbon-Dioxide	TDS	Fe+2	ORP	(mg/l)	(mg/l)	(mg/l)	(mV)
MW-8 continued																				
2/15/2000	-	-	-	-	-	-	-	-	-	-	4.94	3.52	4.1	5.0	-	-	-	-	6	
5/11/2000	-	-	-	-	-	-	-	-	-	-	5.56	2.92	ND	1.2	6.2	-	-	-	77	
8/9/2000	-	-	-	-	-	-	-	-	-	-	2.45	2.44	ND	9.4	7.5	-	-	-	52	
11/27/2000	-	-	-	-	-	-	-	-	-	-	1.95	2.16	ND	11	5.3	-	-	-	64	
2/14/2001	-	-	-	-	-	-	-	-	-	-	4.1	3.2	ND	7.1	20	-	-	-	62	
5/11/2001	-	-	-	-	-	-	-	-	-	-	4.1	3.4	ND	11	9.5	-	-	-	61	
8/9/2001	-	-	-	-	-	-	-	-	-	-	5.5	4.8	ND<1.0	8.8	10	-	-	-	55	
11/30/2001	-	-	-	-	-	-	-	-	-	-	5.4	5.0	ND<0.200	16	16	-	-	-	49	
2/7/2002	-	-	-	-	-	-	-	-	-	-	2.5	3.0	0.540	6.500	13	-	-	-	57	
5/10/2002	-	-	-	-	-	-	-	-	-	-	1.3	-	ND<0.200	4.400	12	-	-	-	81	
8/15/2002	-	-	-	-	-	-	-	-	-	-	2.6	-	ND<0.39	8.2	12	-	-	-	2	
11/14/2002	-	-	-	-	-	-	-	-	-	-	1.6	-	ND<0.20	29	20	-	-	-	170	
2/13/2003	-	-	-	-	-	-	-	-	-	-	1.5	-	0.33	3.4	11	-	-	-	-15	
5/16/2003	-	-	-	-	-	-	-	-	-	-	1.0	-	ND<1	5.9	ND<10	-	-	-	60	
8/12/2003	-	-	-	-	-	-	-	-	-	-	1.4	-	ND<1.0	5.7	35	-	-	-	50	
2/24/2004	-	-	-	-	-	-	-	-	-	-	1.24	-	-	-	95	-	-	-	1	
5/6/2004	-	-	-	-	-	-	-	-	-	-	5.02	-	-	-	-	-	-	-	-55	
8/4/2004	-	-	-	-	-	-	-	-	-	-	4.68	-	-	-	-	-	-	-	-83	
11/10/2004	-	-	-	-	-	-	-	-	-	-	2.08	-	-	-	-	-	-	-	-	
MW-9																				
8/22/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	120	-	-	-	
5/19/1999	-	-	-	-	-	-	-	-	-	-	0.82	0.84	-	-	-	-	-	-	43.9	
8/5/1999	-	-	-	-	-	-	-	-	-	-	10.01	2.15	-	-	-	-	-	-	-	
2/15/2000	-	-	-	-	-	-	-	-	-	-	8.01	6.36	-	-	-	-	-	-	209	
8/9/2000	-	-	-	-	-	-	-	-	-	-	6.11	4.69	-	-	-	6.2	-	-	221	
2/24/2004	-	-	-	-	-	-	-	-	-	-	4.14	-	-	-	-	50	-	-	164	

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene (µg/l)	n-Butyl-benzene (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	sec-Butyl-benzene (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Isopropyl-benzene (µg/l)	p-Isopropyl-toluene (µg/l)	Pre-Purge DO	Post Purge DO	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-9 continued 5/6/2004	--	--	--	--	--	--	--	--	--	3.92	--	--	--	--	146
MW-10															
8/22/1995	--	--	--	--	--	--	--	--	--	0.63	0.65	3.3	12	2.2	--
5/19/1999	--	--	--	--	--	--	--	--	3.06	1.45	ND	7.9	3.6	--	19.1
8/5/1999	--	--	--	--	--	--	--	--	6.28	8.14	8.2	14	--	--	55.2
2/15/2000	--	--	--	--	--	--	--	--	2.82	3.53	ND	10	6.4	--	225
8/9/2000	--	--	--	--	--	--	--	--	3.7	4.7	ND	12	15	--	106
2/14/2001	--	--	--	--	--	--	--	--	3.4	4.4	ND<1.0	11	12	--	168
8/9/2001	--	--	--	--	--	--	--	--	4.5	5.6	1.100	13,000	13	--	154
2/7/2002	--	--	--	--	--	--	--	--	2.5	--	ND<0.89	9.7	13	--	170
8/15/2002	--	--	--	--	--	--	--	--	4.6	--	2.2	17	ND<10	--	-15
2/13/2003	--	--	--	--	--	--	--	--	2.1	--	ND<1.0	12	35	--	81
8/12/2003	--	--	--	--	--	--	--	--	5.93	--	--	15	45	--	151
2/24/2004	--	--	--	--	--	--	--	--	5.13	--	--	--	--	--	181
5/6/2004	--	--	--	--	--	--	--	--	0.00531	--	ND<1.0	11	--	1.4	179
8/4/2004	--	--	--	--	--	--	--	--	2.32	--	--	--	--	--	-40
11/10/2004	--	--	--	--	--	--	--	--	--	6.0	45	--	--	--	--
2/3/2005	--	--	--	--	--	--	--	--	--	--	--	ND<0.20	--	--	--
MW-11															
8/22/1995	--	--	--	--	--	--	--	--	0.22	0.20	3.9	11	1.9	--	66.7
5/19/1999	--	--	--	--	--	--	--	--	1.16	2.08	ND	9.6	3.3	--	46.3
8/5/1999	--	--	--	--	--	--	--	--	5.71	6.33	5.0	11	11	--	533
11/24/1999	--	--	--	--	--	--	--	--	6.08	6.66	6.4	10	--	--	185
2/15/2000	--	--	--	--	--	--	--	--	6.93	5.77	ND	9.6	--	--	173
5/11/2000	--	--	--	--	--	--	--	--	2.64	3.56	ND	8.0	6.4	--	58
8/9/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene ($\mu\text{g/l}$)	n-Butyl-benzene ($\mu\text{g/l}$)	1,3,5-Trimethylbenzene ($\mu\text{g/l}$)	sec-Butyl-benzene ($\mu\text{g/l}$)	1,2,4-Trimethylbenzene ($\mu\text{g/l}$)	Isopropyl-benzene ($\mu\text{g/l}$)	p-Isopropyl-toluene ($\mu\text{g/l}$)	Isopropyl-DO (mg/l)	Pre-Purge DO (mg/l)	Post Purge DO (mg/l)	NO3 (mg/l)	Sulfate (mg/l)	Carbon-Dioxide (mg/l)	TDS (mg/l)	Fe+2 (mg/l)	ORP (mV)
MW-11 continued																
11/27/2000	-	-	-	-	-	-	-	-	3.14	3.51	ND	7.9	6.7	-	-	89
2/14/2001	-	-	-	-	-	-	-	5.9	6.9	ND	10	9.3	-	-	-	264
5/11/2001	-	-	-	-	-	-	-	5.5	6.7	0.504	12	9.0	-	-	-	258
8/9/2001	-	-	-	-	-	-	-	3.9	5.3	ND<1.0	2.8	11	-	-	-	268
11/30/2001	-	-	-	-	-	-	-	5.1	6.4	1.600	12	13	-	-	-	189
2/7/2002	-	-	-	-	-	-	-	3.9	4.8	0.990	11.000	13	-	-	-	266
5/10/2002	-	-	-	-	-	-	-	1.7	-	0.320	7.500	14	-	-	-	30
8/15/2002	-	-	-	-	-	-	-	2.8	-	ND<0.39	2.6	13	-	-	-	-31
11/14/2002	-	-	-	-	-	-	-	1.1	-	ND<0.20	13	22	-	-	-	126
2/13/2003	-	-	-	-	-	-	-	2.4	-	1.9	14	ND<10	-	-	-	61
5/16/2003	-	-	-	-	-	-	-	3.8	-	ND<1	98	ND<10	-	-	-	220
8/12/2003	-	-	-	-	-	-	-	1.9	-	ND<1.0	4.6	36	-	-	-	56
2/24/2004	-	-	-	-	-	-	-	2.81	-	-	13	50	-	ND<0.20	202	202
5/6/2004	-	-	-	-	-	-	-	6.67	-	-	-	-	-	-	-	46
8/4/2004	-	-	-	-	-	-	-	5.76	-	ND<1.0	5.2	-	-	2.5	-31	-
11/10/2004	-	-	-	-	-	-	-	1.64	-	-	-	-	-	-	-	-
2/3/2005	-	-	-	-	-	-	-	-	-	6.0	42	-	-	ND<0.20	-	-
MW-12																
5/19/1999	-	-	-	-	-	-	-	0.35	0.28	-	-	-	-	-	-	11.3
8/5/1999	-	-	-	-	-	-	-	6.80	5.41	9.1	29	1.0	-	-	-	24.8
2/15/2000	-	-	-	-	-	-	-	8.20	8.57	9.3	25	-	-	-	-	239
8/9/2000	-	-	-	-	-	-	-	7.19	6.58	8.2	21	ND	-	-	-	152
2/14/2001	-	-	-	-	-	-	-	8.8	7.4	7.0	18	5.4	-	-	-	285
8/9/2001	-	-	-	-	-	-	-	6.8	6.1	10	20	5.0	-	-	-	266
2/7/2002	-	-	-	-	-	-	-	9.0	8.9	2.700	13.000	ND<10	-	-	-	244
8/15/2002	-	-	-	-	-	-	-	1.9	-	8.8	19	15	-	-	-	52

Table 3
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	n-Propyl-benzene	n-Butyl-benzene	1,3,5-Trimethylbenzene	sec-Butyl-benzene	1,2,4-Trimethylbenzene	Isopropyl-benzene	p-Isopropyl-toluene	Isopropyl-toluene	Pre-Purge DO	Post Purge DO	NO3	Sulfate	Carbon-Dioxide	TDS	Fe+2	ORP	
MW-12 continued																	
8/12/2003	--	--	--	--	--	--	--	--	1.2	--	8.8	21	26	--	--	283	
2/24/2004	--	--	--	--	--	--	--	--	6.13	--	--	19	30	--	ND>0.20	187	
5/6/2004	--	--	--	--	--	--	--	--	5.27	--	--	--	--	--	--	210	
8/4/2004	--	--	--	--	--	--	--	--	5.48	--	8.0	19	--	--	ND>0.20	-61	
2/3/2005	--	--	--	--	--	--	--	--	--	--	11	19	--	--	ND>0.20	--	

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	Manganese	Kerosene	Pre-Purge ORP	Dissolved CO ₂
	(pH)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mV)	(µg/l)
MW-1												
5/19/1999	-	-	-	-	-	-	-	-	-	-	-	-
8/9/2000	-	ND	-	-	-	-	-	-	-	-	-	-
8/4/2004	-	-	-	-	-	-	-	-	-	-	-	50
MW-2												
2/7/1989	-	-	-	-	-	-	-	-	-	-	-	-
8/3/1989	-	-	-	-	-	-	-	-	-	-	-	-
10/26/1989	-	-	-	-	-	-	-	-	-	-	-	-
1/26/1990	-	-	-	-	-	-	-	-	-	-	-	-
4/30/1990	-	-	-	-	-	-	-	-	-	-	-	-
7/30/1990	-	-	-	-	-	-	-	-	-	-	-	-
10/29/1990	-	-	-	-	-	-	-	-	-	-	-	-
1/29/1991	-	-	-	-	-	-	-	-	-	-	-	-
4/26/1991	-	-	-	-	-	-	-	-	-	-	-	-
7/19/1991	-	-	-	-	-	-	-	-	-	-	-	-
8/5/1999	-	ND	-	-	-	-	-	-	-	ND	-	-
8/9/2000	-	ND	-	-	-	-	-	-	-	-	-	-
2/24/2004	6.51	-	-	-	-	-	-	-	-	-	-	-
8/4/2004	-	-	-	-	-	-	-	-	-	-	-	30
MW-3												
8/9/2000	-	ND	-	-	-	-	-	-	-	-	-	-
2/24/2004	6.10	-	-	-	-	-	-	-	-	-	-	-
8/4/2004	-	-	-	-	-	-	-	-	-	-	-	30
11/10/2004	5.48	-	-	-	-	-	-	-	-	-	-	15
MW-4												
5/19/1999	-	120	-	-	-	-	-	-	-	5.0	0.67	-

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane (µg/l)	Fluorene (µg/l)	Phenanthrene (µg/l)	Mang (µg/l)	TPH-MO (mg/l)	TOG	Dissolved Iron	D-Manganese (mg/l)	Kerosene (µg/l)	Pre-Purge ORP (mV)	Dissolved CO2 (µg/l)
MW-4 continued												
8/5/1999	-	ND	-	-	-	-	-	-	6.2	0.77	-	-
11/24/1999	-	ND	-	-	-	-	-	2.68	1.21	-	-	-
2/15/2000	-	ND	-	-	-	-	-	1.30	0.213	-	-	-
5/11/2000	-	ND	-	-	-	-	-	4.0	0.470	-	-	-
8/9/2000	-	ND	36	26	-	-	-	1.2	0.99	-	-	-
11/27/2000	-	ND	-	-	-	-	-	1.49	0.326	-	-	-
2/14/2001	-	ND	-	-	-	-	-	0.724	0.988	-	-	-
5/11/2001	-	ND	-	-	-	-	-	2.68	0.874	-	-	-
8/9/2001	-	ND<1000	-	-	-	-	-	6.0	0.87	-	-	-
11/3/2001	-	ND<1000	-	-	-	-	-	11.000	1.600	-	-	-
2/7/2002	-	ND<2000	-	-	-	-	-	10.000	0.860	-	-	-
5/10/2002	-	ND>2000	-	-	-	-	-	2.500	0.870	-	-	-
8/15/2002	-	ND>2000	-	-	-	-	-	0.89	1.0	-	-	-
11/14/2002	-	ND>2000	-	-	-	-	-	4.9	1.3	-	-	-
2/13/2003	-	ND>2000	-	-	-	-	-	7.0	1.0	-	-	-
5/16/2003	-	ND>2000	-	-	-	-	-	8.1	0.39	-	-	-
8/12/2003	-	21	-	-	-	-	-	13	1.0	-	-	-
5/6/2004	-	-	0.12	-	-	0.86	-	-	-	-	30	-
8/4/2004	-	-	-	-	-	-	-	-	-	-	25	-
11/10/2004	5.48	-	-	-	-	-	-	-	-	-	11	50
2/3/2005	-	21	-	-	-	1.6	-	-	-	-	-	-
MW-5												
8/9/2000	-	ND	-	-	-	-	-	-	-	-	-	-
MW-6												
8/9/2000	-	ND	-	-	-	-	-	-	-	-	-	-
2/24/2004	6.02	-	-	-	-	-	-	-	-	-	-	-

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2
	(pH)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(µg/l)
MW-7												
5/19/1999	-	ND	-	-	-	260	-	-	1.7	0.063	-	-
2/15/2000	-	ND	-	-	-	-	-	-	0.580	0.0108	-	-
2/14/2001	-	ND	-	-	-	-	-	-	0.324	0.0195	-	-
2/7/2002	-	ND>2000	-	-	-	-	-	-	ND<0.300	ND<0.010	-	-
2/13/2003	-	ND>2000	-	-	-	-	-	-	0.15	0.011	-	-
2/24/2004	5.78	--	-	-	-	-	-	-	-	-	-	-
MW-8												
5/19/1999	-	98	-	-	-	-	-	-	6.8	1.4	8400	-
8/5/1999	-	ND	-	-	-	-	-	-	5.9	0.95	-	-
1/1/24/1999	-	ND	-	-	-	-	-	-	7.40	1.88	-	-
2/15/2000	-	ND	-	-	-	-	-	-	4.00	1.22	-	-
5/11/2000	-	ND	-	-	-	-	-	-	5.9	1.20	-	-
8/9/2000	-	ND	-	-	-	-	-	-	1.1	0.80	-	-
1/1/27/2000	-	ND	-	-	-	-	-	-	2.45	1.02	-	-
2/14/2001	-	ND	-	-	-	-	-	-	0.140	0.978	-	-
5/11/2001	-	ND	-	-	-	-	-	-	5.72	1.21	-	-
8/9/2001	-	ND<1000	-	-	-	-	-	-	3.5	0.94	-	-
1/1/30/2001	-	ND<1000	-	-	-	-	-	-	8.900	1.700	-	-
2/7/2002	-	ND>2000	-	-	-	-	-	-	8.600	1.900	-	-
5/10/2002	-	ND>2000	-	-	-	-	-	-	4.900	1.400	-	-
8/15/2002	-	ND>2000	-	-	-	-	-	-	ND<0.050	0.76	-	-
1/1/14/2002	-	ND>2000	-	-	-	-	-	-	0.24	1.4	-	-
2/13/2003	-	ND>2000	-	-	-	-	-	-	14	2.4	-	-
5/16/2003	-	ND>2000	-	-	-	-	-	-	7.1	1.4	-	-
8/12/2003	-	ND<10	-	-	-	-	-	-	8.5	1.0	-	-
2/24/2004	7.42	--	-	-	-	-	-	-	-	-	-	-

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2	(µg/l)
	(pH)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mgV)	(mV)	(µg/l)	
MW-8 continued													
5/6/2004	--	--	--	--	--	--	--	--	--	--	--	50	
8/4/2004	--	--	--	--	--	--	--	--	--	--	--	50	
11/10/2004	4.91	--	--	--	--	--	--	--	--	68	95		
MW-9													
8/9/2000	--	ND	--	--	--	--	--	--	--	--	--		
2/24/2004	7.11	--	--	--	--	--	--	--	--	--	--		
MW-10													
1/27/1993	--	--	--	--	--	--	--	ND	--	--	--		
5/19/1999	--	ND	--	--	--	--	--	0.046	0.033	--	--		
8/5/1999	--	ND	--	--	--	--	--	0.17	0.84	--	--		
2/15/2000	--	ND	--	--	--	--	--	0.0820	0.0176	--	--		
8/9/2000	--	ND	--	--	--	--	--	0.63	1.0	--	--		
2/14/2001	--	ND	--	--	--	--	--	1.26	0.691	--	--		
8/9/2001	--	ND<1000	--	--	--	--	--	1.6	1.3	--	--		
2/7/2002	--	ND>2000	--	--	--	--	--	ND<0.300	0.019	--	--		
8/15/2002	--	ND<2000	--	--	--	--	--	ND<0.050	1.1	--	--		
2/13/2003	--	ND>2000	--	--	--	--	--	3.4	0.33	--	--		
8/12/2003	--	ND<10	--	--	--	--	--	2.9	1.3	--	--		
2/24/2004	7.09	ND<0.01	--	--	0.15	--	--	--	--	--	--		
8/4/2004	--	0.013	--	--	1.1	--	--	--	--	--	35		
11/10/2004	5.41	--	--	--	--	--	--	--	--	41	50		
2/3/2005	--	ND<1.0	--	--	0.20	--	--	--	--	--	--		
MW-11													
5/19/1999	--	30	--	--	--	--	--	ND	0.011	2700	--		
8/5/1999	--	ND	--	--	--	--	--	0.85	0.26	--	--		
11/24/1999	--	ND	--	--	--	--	--	1.60	0.394	--	--		

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane	Fluorene	Phenanthrene	Mang	TPH-MO	TOG	Dissolved Iron	Manganese	Kerosene	Pre-Purge ORP	Dissolved CO ₂
	(pH)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mV)	(µg/l)
MW-11 continued												
2/15/2000	-	ND	-	-	-	-	-	-	0.120	ND	-	-
5/11/2000	-	6800	-	-	-	-	-	0.27	0.0140	-	-	-
8/9/2000	-	ND	-	-	-	-	-	0.93	0.56	-	-	-
11/27/2000	-	ND	-	-	-	-	-	2.62	0.973	-	-	-
2/14/2001	-	ND	-	-	-	-	-	0.0613	0.0573	-	-	-
5/11/2001	-	ND	-	-	-	-	-	0.0882	0.0244	-	-	-
8/9/2001	-	ND<1000	-	-	-	-	-	1.5	0.63	-	-	-
11/30/2001	-	ND<1000	-	-	-	-	-	0.790	0.210	-	-	-
2/7/2002	-	ND>2000	-	-	-	-	-	ND<0.300	ND<0.010	-	-	-
5/10/2002	-	ND>2000	-	-	-	-	-	ND<0.300	0.024	-	-	-
8/15/2002	-	ND>2000	-	-	-	-	-	ND<0.050	0.76	-	-	-
11/14/2002	-	ND>2000	-	-	-	-	-	0.024	1.0	-	-	-
2/13/2003	-	ND>2000	-	-	-	-	-	0.28	0.011	-	-	-
5/16/2003	-	ND>2000	-	-	-	-	-	ND<0.30	ND<0.010	-	-	-
8/12/2003	-	ND<10	-	-	-	-	-	2.8	0.53	-	-	-
2/24/2004	6.78	ND<0.01	-	-	-	ND<0.005	-	-	-	-	-	-
5/6/2004	-	--	-	-	-	-	-	-	-	-	15	-
8/4/2004	-	0.045	-	-	-	0.67	-	-	-	-	65	-
11/10/2004	5.67	--	-	-	-	-	-	-	-	2	55	-
2/3/2005	-	ND<1.0	-	-	-	ND<0.0050	-	-	-	-	-	-
MW-12												
8/5/1999	-	ND	-	-	-	-	-	-	0.48	ND	-	-
2/15/2000	-	ND	-	-	-	-	-	-	6.30	0.0765	-	-
8/9/2000	-	ND	-	-	-	-	-	-	0.62	0.015	-	-
2/14/2001	-	ND	-	-	-	-	-	-	1.33	0.0220	-	-
8/9/2001	-	ND<1000	-	-	-	-	-	-	0.93	0.031	-	-

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	pH	Methane	Fluorene	Phenan-threne	Mang	TPH-MO	TOG	Dissolved Iron	D-Manganese	Kerosene	Pre-Purge ORP	Dissolved CO2
	(pH)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(µg/l)
MW-12 continued												
2/7/2002	-	ND<2000	-	-	-	-	-	-	-	ND<0.300	ND<0.010	-
8/15/2002	-	ND<2000	-	-	-	-	-	-	-	ND<0.050	ND<0.010	-
8/12/2003	-	ND<10	-	-	-	-	-	-	-	0.30	0.0080	-
2/24/2004	6.86	ND<0.01	-	-	ND<0.005	-	-	-	-	-	-	-
8/4/2004	-	ND<0.010	-	-	ND<0.0050	-	-	-	-	-	-	45
2/3/2005	-	ND<1.0	-	-	ND<0.0050	-	-	-	-	-	-	-

Bulk Plant 0220

Table 4
Headspace Measurements

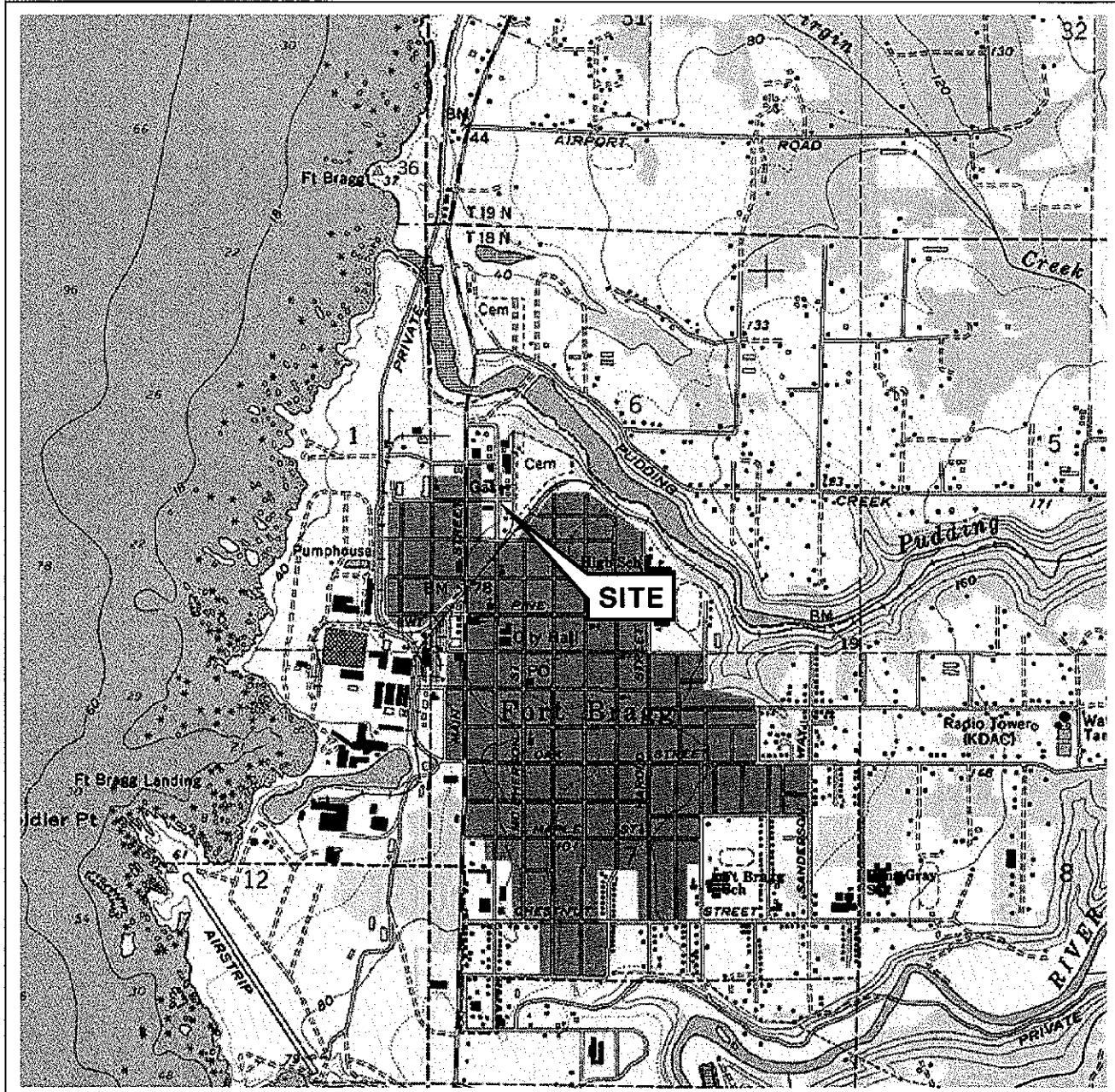
Well Name	Date	Percent Carbon Dioxide	Percent Oxygen	Organic Vapors (ppm)
MW-1	8/4/2004	0.20	20.50	0.00
MW-1	2/3/2005	0.60	21.60	0.00
MW-2	5/6/2004	0.00	20.90	0.00
MW-2	8/4/2004	0.00	20.70	0.00
MW-2	2/3/2005	1.00	20.70	0.00
MW-3	5/6/2004	0.00	20.60	0.90
MW-3	8/4/2004	0.00	20.40	0.00
MW-3	11/10/2004	1.00	20.30	3.00
MW-3	2/3/2005	0.30	21.60	0.00
MW-4	5/6/2004	0.00	20.60	1.50
MW-4	8/4/2004	0.00	20.50	0.00
MW-4	11/10/2004	0.00	20.80	13.30
MW-4	2/3/2005	0.10	21.60	0.00
MW-5	5/6/2004	0.30	20.30	0.00
MW-6	5/6/2004	0.90	20.20	0.00
MW-6	2/3/2005	0.40	21.70	0.00
MW-7	5/6/2004	0.20	20.20	0.00
MW-7	2/3/2005	0.30	21.60	0.00
MW-8	5/6/2004	0.00	20.90	71.10
MW-8	8/4/2004	0.00	20.70	0.00
MW-8	11/10/2004	0.10	20.90	12.20
MW-8	2/3/2005	0.30	21.60	2.30
MW-9	5/6/2004	0.30	20.40	0.00
MW-9	2/3/2005	2.00	21.10	0.00
MW-10	5/6/2004	0.20	20.10	0.00
MW-10	8/4/2004	0.10	20.20	0.00
MW-10	11/10/2004	1.30	0.90	6.90
MW-10	2/3/2005	0.60	21.90	0.00
MW-11	5/6/2004	0.00	20.70	0.00
MW-11	8/4/2004	0.00	20.40	0.00
MW-11	11/10/2004	0.20	21.00	4.20
MW-11	2/3/2005	0.10	22.10	0.00
MW-12	5/6/2004	1.30	19.60	0.00

Bulk Plant 0220

Table 4
Headspace Measurements

MW-12	8/4/2004	0.10	20.20	0.00
MW-12	2/3/2005	0.60	0.00	21.80

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000



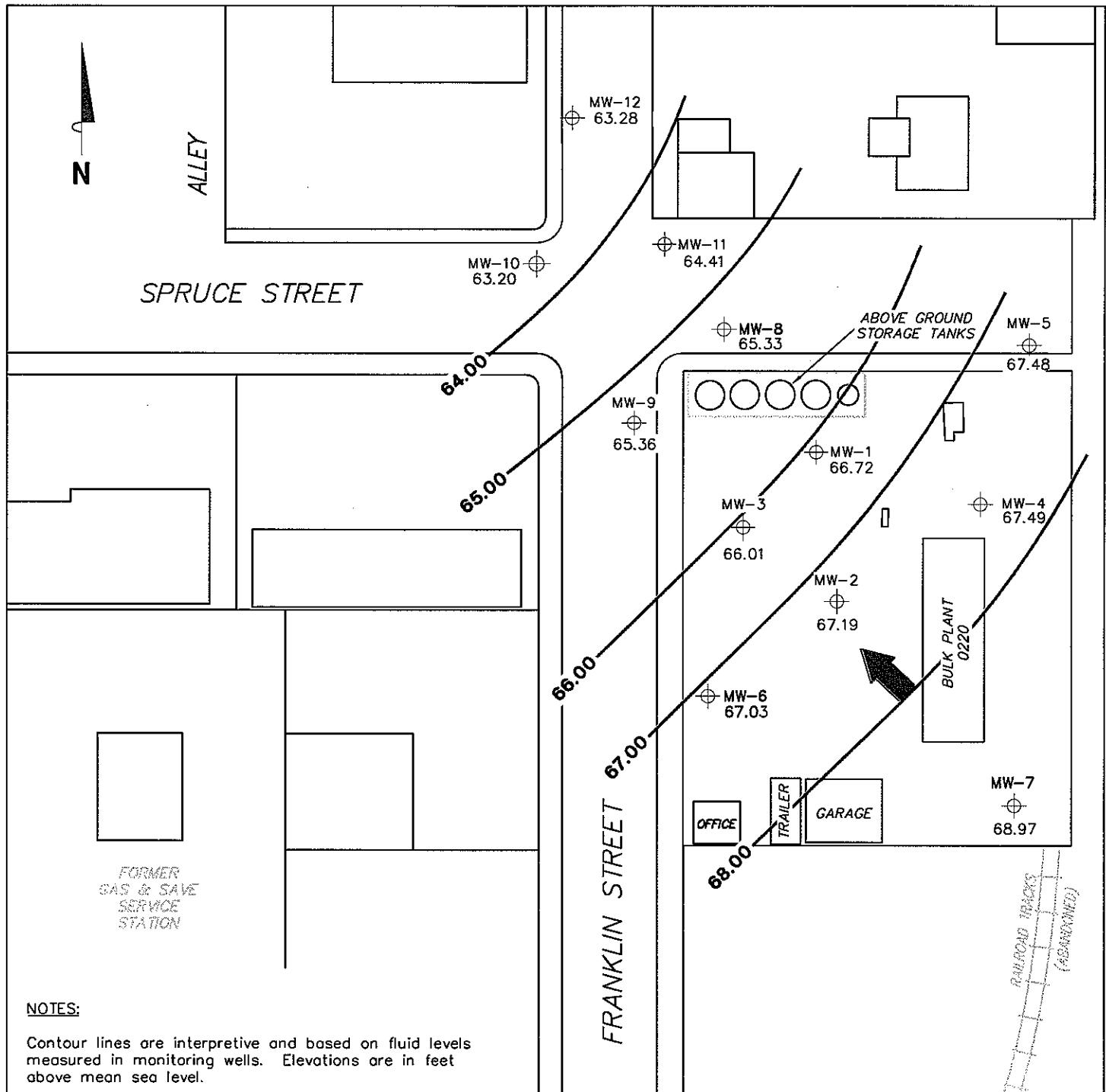
SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Ft Bragg Quadrangle



VICINITY MAP

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

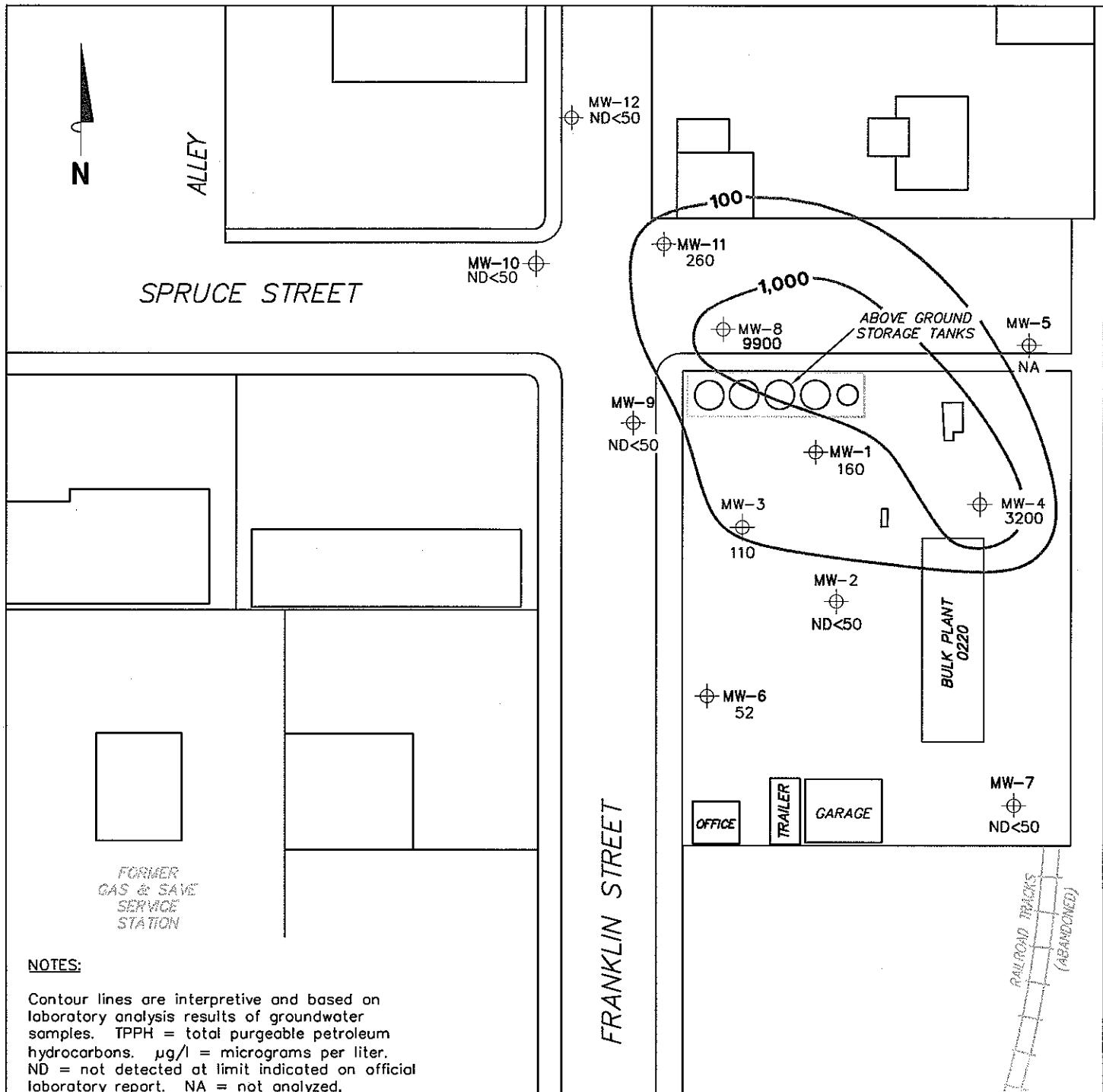


0220-003
S=1:1

TRC

SCALE (FEET)
0 60

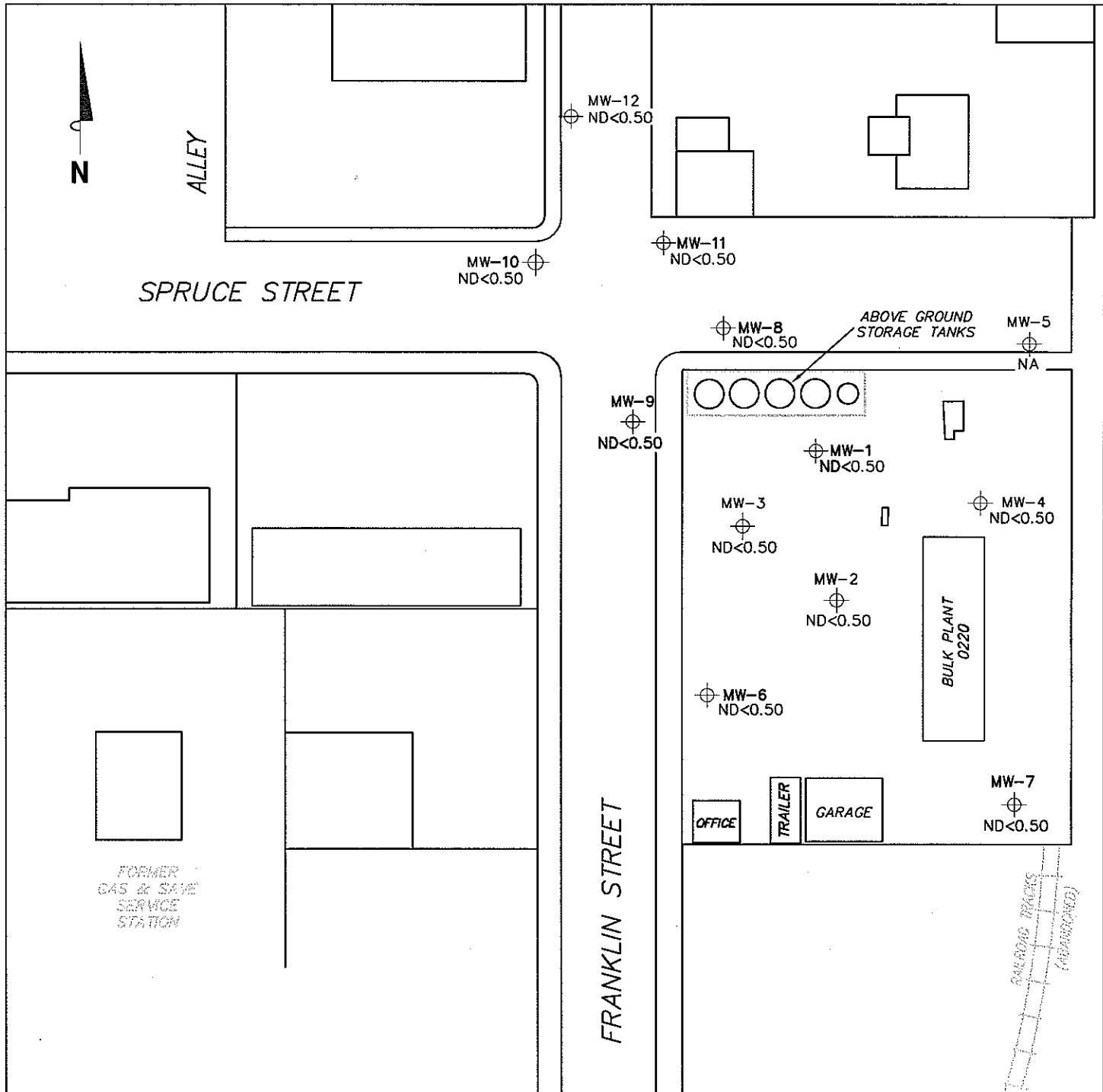
FIGURE 2



DISSOLVED-PHASE TPPH CONCENTRATION MAP
February 3, 2005

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

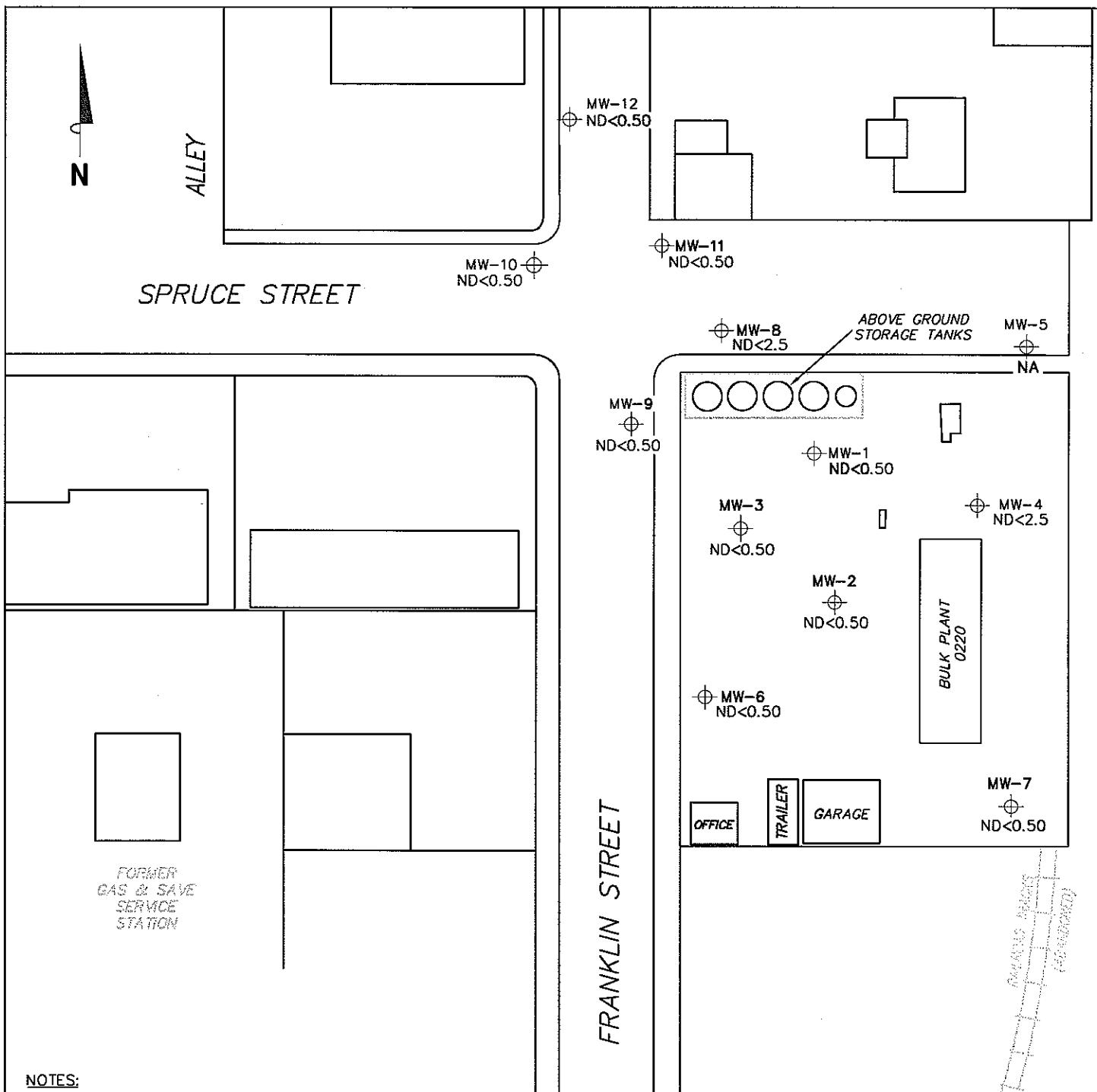
FIGURE 3



0220-003
FIGURE 4

TRC

SCALE (FEET)
0 60



NOTES:

MTBE = methyl tertiary butyl ether.
 $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 NA = not analyzed, measured, or collected.
 Results obtained using EPA Method 8260B.

LEGEND

MW-12 Monitoring Well with Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)

0220-003
PS=1:1

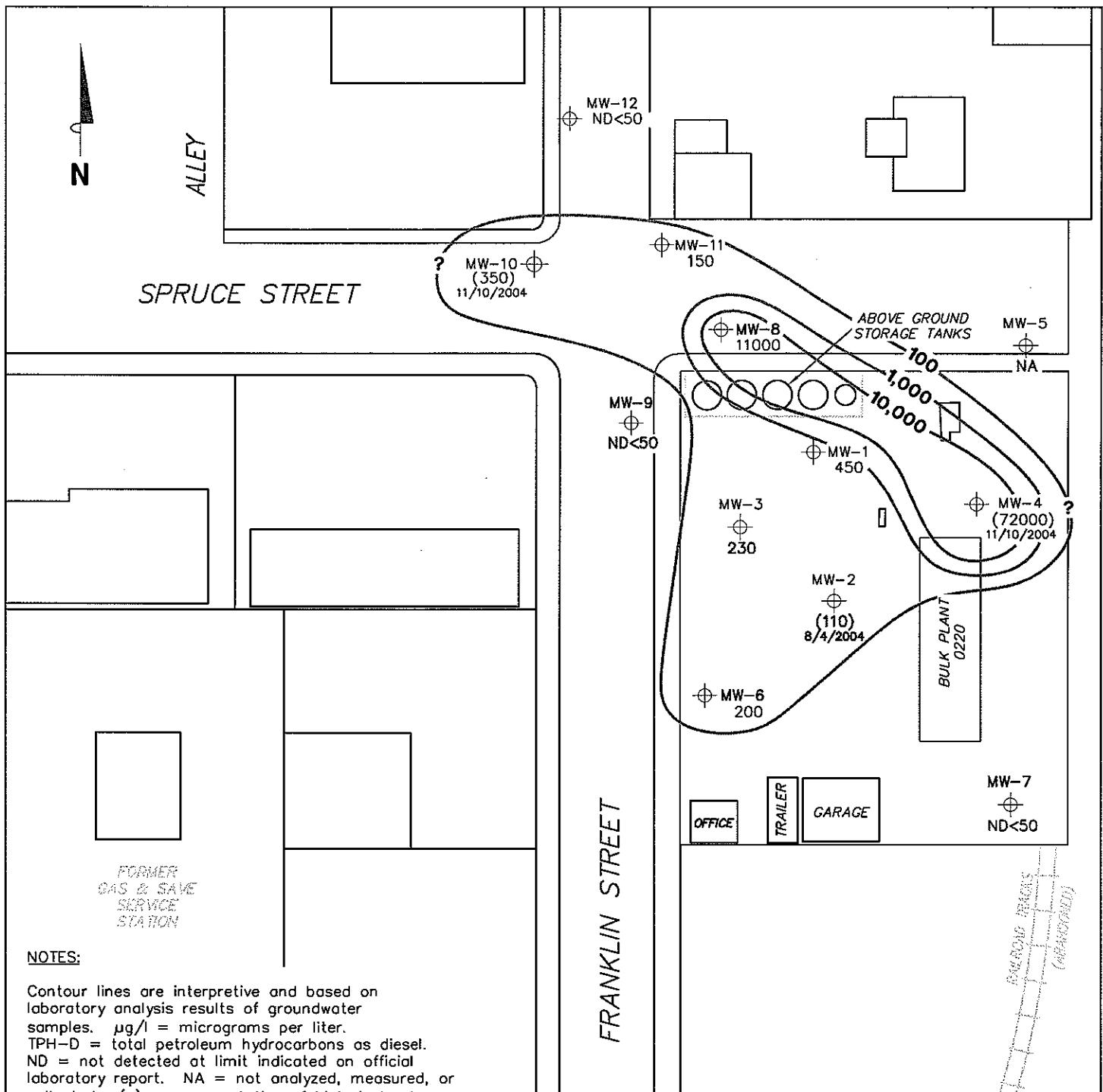
TRC

SCALE (FEET)
0 60

DISSOLVED-PHASE MTBE CONCENTRATION MAP
February 3, 2005

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

FIGURE 5



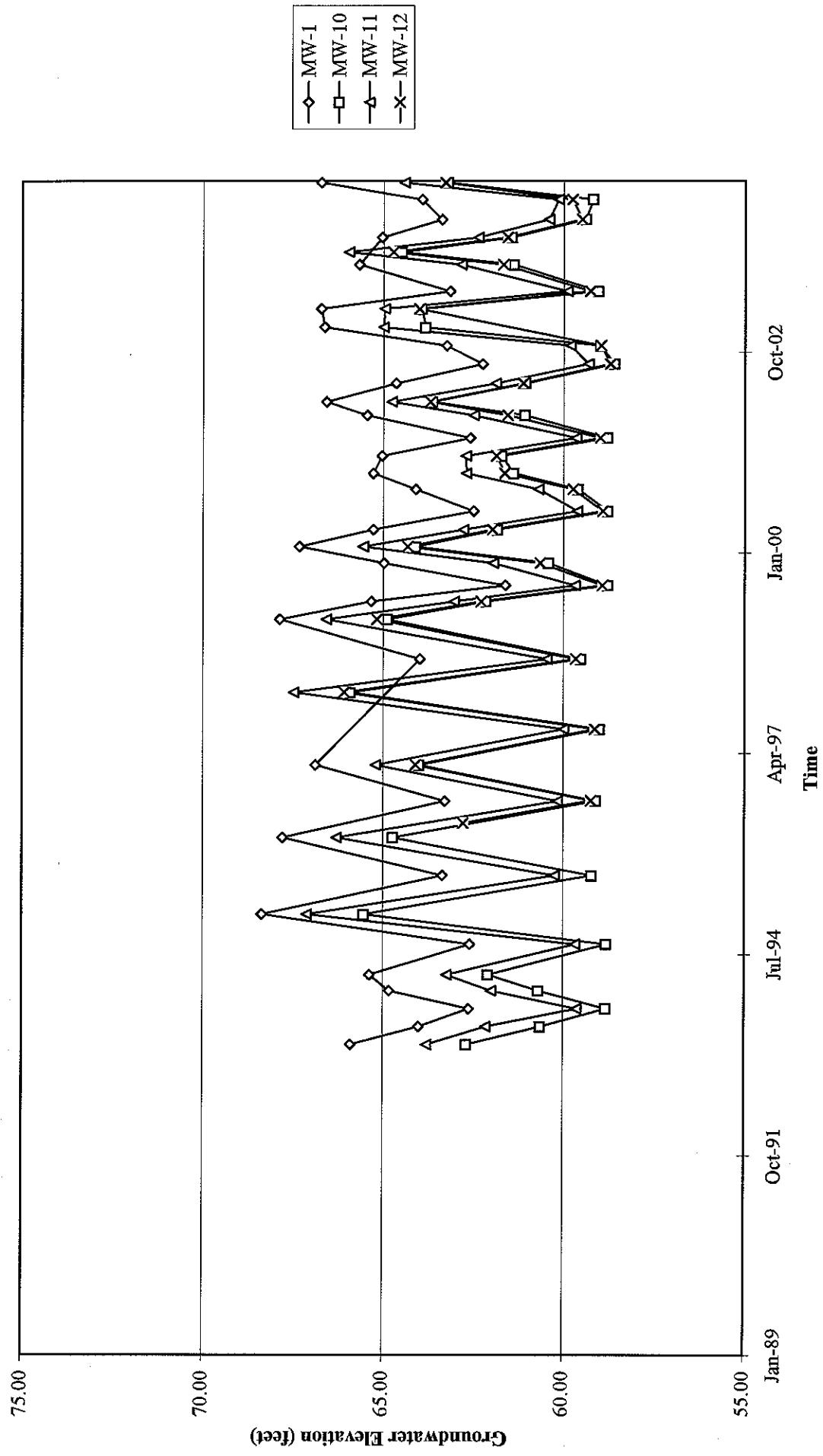
PS=1:1
0220-003

TRC

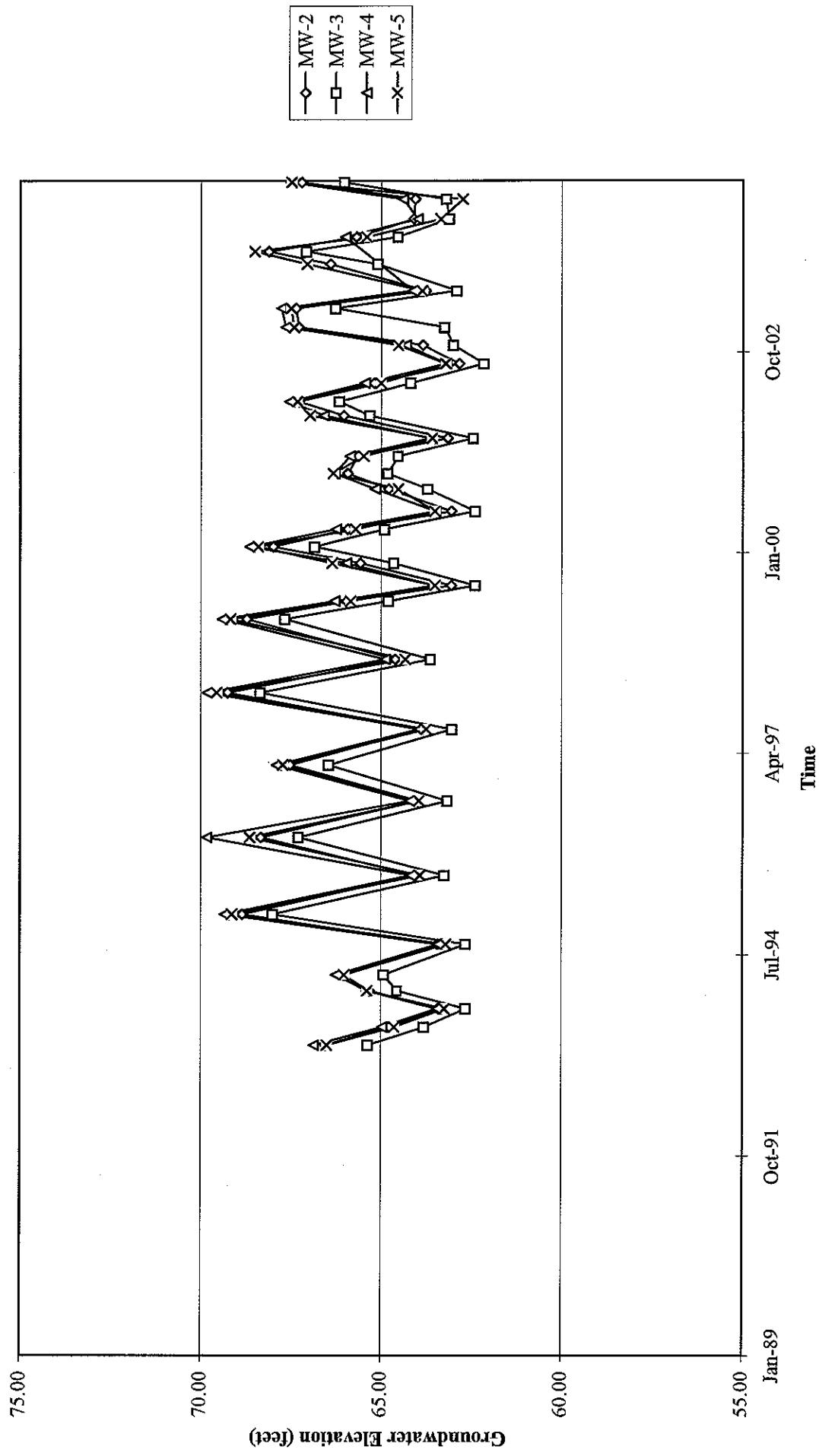
FIGURE 6

GRAPHS

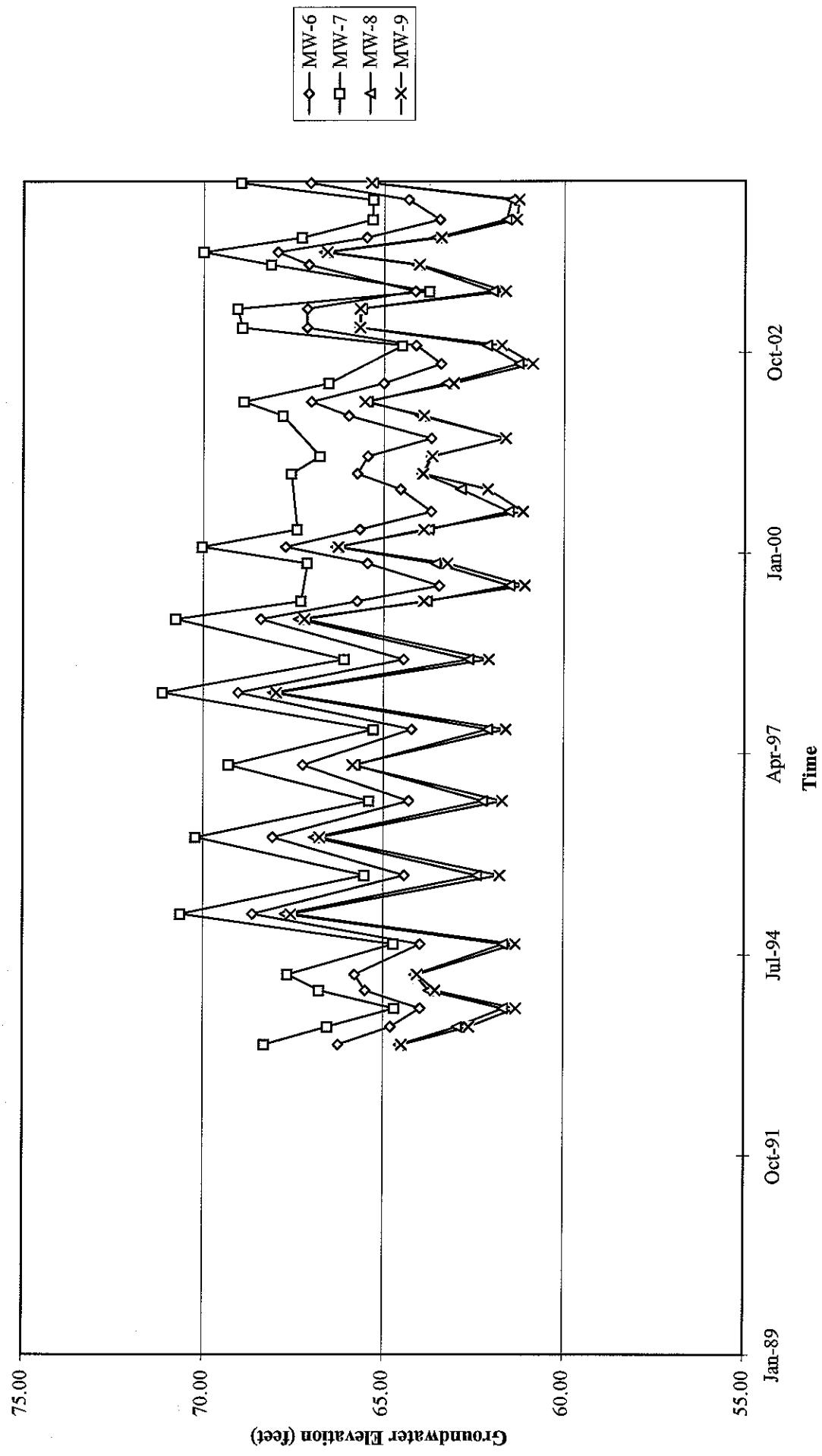
Groundwater Elevations vs. Time
Bulk Plant 0220



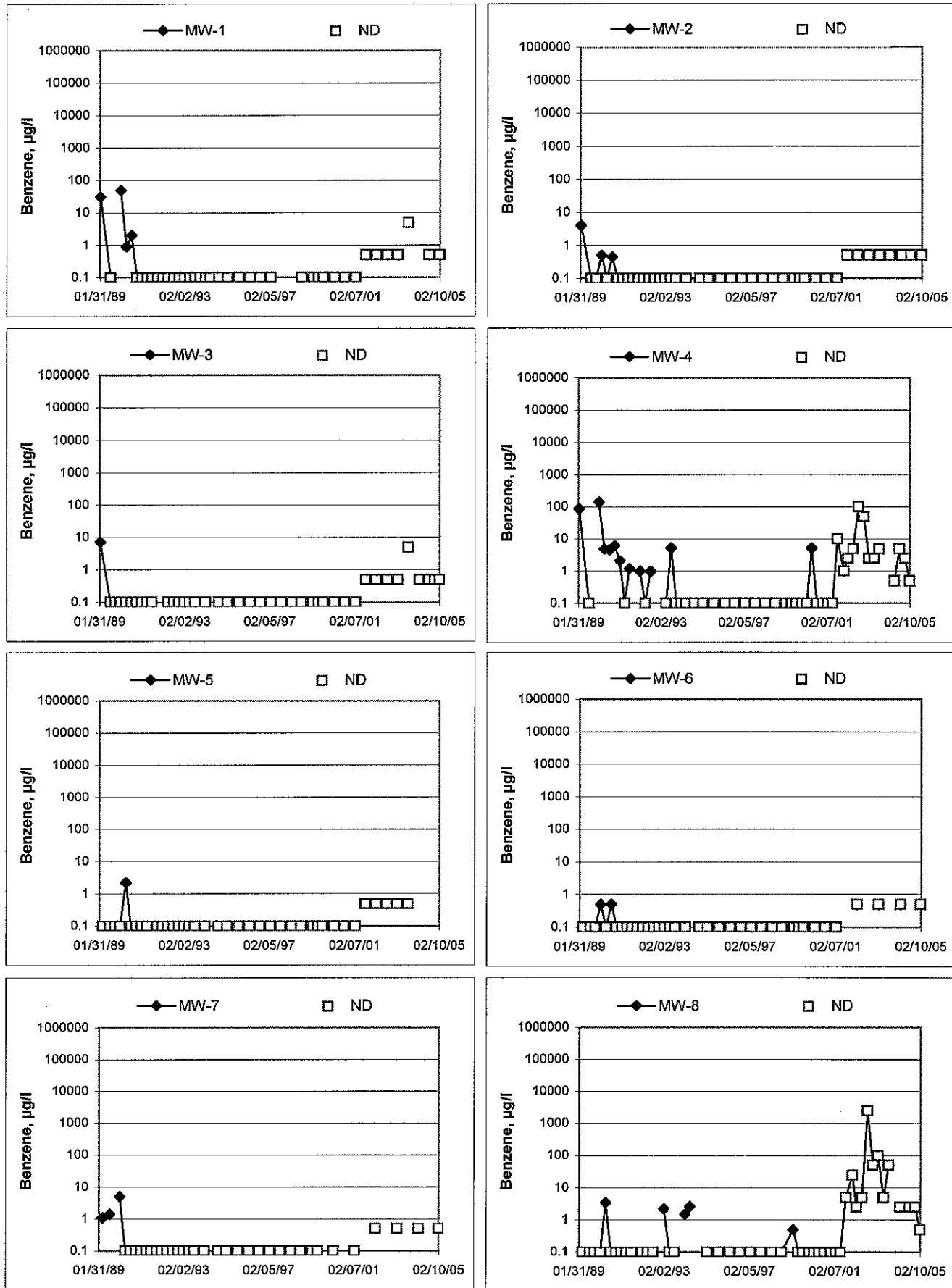
Groundwater Elevations vs. Time
Bulk Plant 0220



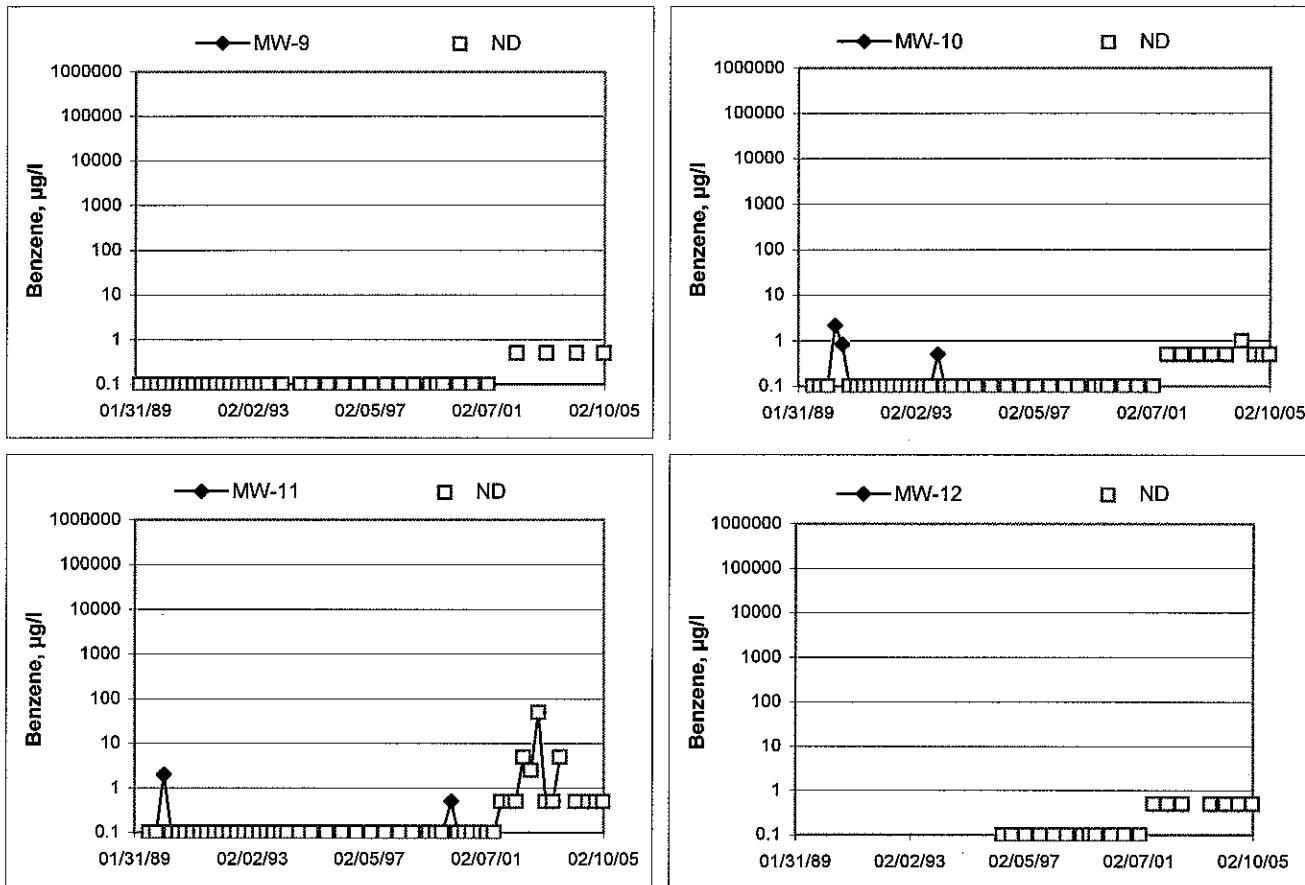
Groundwater Elevations vs. Time
Bulk Plant 0220



Benzene Concentrations vs Time
Bulk Plant 0220



Benzene Concentrations vs Time
Bulk Plant 0220



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage, or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurement are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, $\frac{1}{2}$ -inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, and the samplers initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging, and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least-affected well and ending with the well that has highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected well to the most-affected well.

Decontamination

In order to reduce the possibility of cross-contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: AREX / ANTHONY Job #/Task #: 410500 61 / FA20 Date: 2-8-05
 Site # 0220 Project Manager A. COLLINS Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-1	✓	0846	21.01	10.92	±	6	1205	2"
MW-2	✓	0947	25.41	10.79	±	6	1252	2"
MW-3	✓	0912	22.02	10.81	±	6	1217	2"
MW-4	✓	1000	18.88	11.46	±	6	1155	2"
MW-6	✓	0859	18.27	9.29	±	6	1230	2"
MW-7	✓	0925	18.16	8.93	±	6	1240	2"
MW-8	✓	0726	15.61	9.25	±	6	1154	2"
MW-12	✓	0744	19.25	9.61	±	6	1302	2"
MW-11	/	0753	19.46	9.35	±	6	1235	12:20 2" AM
MW-9	/	0808	18.80	7.95	±	6	1235	2"
MW-10	✓	0817	19.35	9.03	±	6	1251	2"
MW-5	✓	0833	19.61	12.29	±	6	n/a	2' MONITOR ONLY
FIELD DATA COMPLETE		QA/QC	COC	WELL BOX CONDITION SHEETS				
WTT CERTIFICATE		MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL				

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 0220

Project No.: 41050001

Date: 2-3-05

Well No.: MW-8

Depth to Water (feet): 9.25

Total Depth (feet): 15.61

Total Depth (feet): 6-36
Water Column (feet): 6-36

80% Recharge Depth (feet): 10.52

80% Recharge Depth (feet):

Purge Method: Dia

Depth to Product (feet): 8

LPH & Water Recovered (gallons): 6

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 1

1. Well Volume (gallons): _____

Well No.: MW-12

Well No.: 9-68
Depth to Water (feet): 9.68

Total Denth (feet): 19.25

Total Depth (feet): 9.57
Water Column (feet): 9.57

Water Column (feet): _____

Purge Method: Dia

Depth to Product (feet): 8

LPH & Water Recovered (gallons): 8

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Site: 6220

Technician: Alex

Project No.: 41050001

Date: 02-03

Well No.: MW-1D

Depth to Water (feet): 9.03

Purge Method: D

Total Depth (feet): 19.35

Depth to Product (feet): 6

Water Column (feet): 10.32

LPH & Water Recovered (gallons): 6

80% Recharge Depth (feet): 11.09

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity GPP	D.O.
1123			2	303	19.2	5.94	75	4.10
			4	289	18.7	6.02		
1127			6	298	18.8	5.96	CO2	16 ppm
			APR PURGE	297	16.2	5.84		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
		9.03		6			1251	

Comments: CO2 - 0.6
O2 - 21.9
OV - 0.0

Well No.: MW-1

Depth to Water (feet): 10.92

Purge Method: D

Total Depth (feet): 21.01

Depth to Product (feet): 6

Water Column (feet): 10.09

LPH & Water Recovered (gallons): 6

80% Recharge Depth (feet): 12.99

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity GPP	D.O.
10.39			2	443	19.2	6.12	30	2.20
			4	365	19.7	6.05		
10.44			6	342	20.6	5.91	CO2	15 ppm
			APR PURGE	338	21.3	5.89		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
		10.95		6			1205	

Comments: CO2 - 0.6
O2 - 21.6
OV - 0.0

GROUNDWATER SAMPLING FIELD NOTES

Site: 0220

Technician: Ax-X

Project No.: 41050007

Date: 02-03-05

Well No.: MW-4
Depth to Water (feet): 11.46
Total Depth (feet): 19.88
Water Column (feet): 7.42
80% Recharge Depth (feet): 12.94

Purge Method: _____ P

Depth to Product (feet): 12

LPH & Water Recovered (gallons):

Casing Diameter (Inches): 2"

1 Well Volume (gallons):

Well No.: _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

GROUNDWATER SAMPLING FIELD NOTES

Site: 0220

Technician: ~~Flex~~

Project No.: 4050001

Date: 02 - 03-05

Well No.: MW-7

Purge Method: P

Depth to Water (feet): 6.93

Depth to Product (feet): 6

Total Depth (feet): 18.10

| PH 8 | Water Recovered (gallons):

Water Column (feet): 9-17

Casing Diameter (Inches):

80% Recharge Depth (feet): 10.76

1 Well Volume (gallons): 2

Well No.: MW-2

Purge Method: _____

Depth to Water (feet): 10-74

Depth to Product (feet):

Total Depth (feet): 25.41

1 PH & Water Recovered (gallons): 

Water Column (feet): 14.62

Casing Diameter (Inches): 2"

GROUNDWATER SAMPLING FIELD NOTES

Site: _____

Technician: J. A. K.

Project No.: 41050001

Date: 02-03-05

Well No.: ML-4

Depth to Water (feet): 9.39

Depth to Water (feet): 9.39

Total Depth (feet): 18.27

Water Column (feet): 8.88

80% Recharge Depth (feet): 11-17

Purge Method: _____ D

Depth to Product (feet):

1 PH & Water Recovered (gallons): ✓

Casing Diameter (Inches): **2"**

1. Wall Volume (gallons): 3

Well No.: MW-3

Depth to Water (feet): 10.81

Total Depth (feet): 22.02

Water Column (feet): 11.2

80% Recharge Depth (feet): 13.0

Purge Method:

Depth to Product (feet):

1 BH & Water Recovered (gallons): 6

Casing Diameter (Inches): **2"**

1. Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
1049			2	221	20.5	5.95	48	3.87
			4	193.6	20.7	6.05		
1053			6	197.1	21.1	6.09	CO2	6 ppm
			AFTER purge	191.9	22.5	6.04		

TRC Alton Geoscience- Irvine

February 18, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001/FA20

Project: Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Attached is our report for your samples received on 02/04/2005 09:15
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
03/21/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager



Submission: 2005-02-0097

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	02/03/2005 11:55	Water	8
MW-10	02/03/2005 12:51	Water	9
MW-11	02/03/2005 12:20	Water	10
MW-12	02/03/2005 13:02	Water	11



Submission: 2005-02-0097

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	MW-4	Lab ID:	2005-02-0097 - 8
Sampled:	02/03/2005 11:55	Extracted:	2/5/2005 11:09
Matrix:	Water	QC Batch#:	2005/02/05-01.41
Compound		Conc.	RL
Nitrate		1.1	1.0
Sulfate		76	1.0
		mg/L	mg/L
		5.00	5.00
		02/05/2005 11:09	02/05/2005 11:09
			Flag

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

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21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s): 300.0/9056

Test(s): 300.0/9056

Sample ID: MW-10

Lab ID: 2005-02-0097 - 9

Sampled: 02/03/2005 12:51

Extracted: 2/5/2005 11:24

Matrix: Water

QC Batch#: 2005/02/05-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	6.0	1.0	mg/L	5.00	02/05/2005 11:24	
Sulfate	45	1.0	mg/L	5.00	02/05/2005 11:24	



Submission: 2005-02-0097

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s): 300.0/9056

Test(s): 300.0/9056

Sample ID: MW-11

Lab ID: 2005-02-0097 - 10

Sampled: 02/03/2005 12:20

Extracted: 2/5/2005 11:40

Matrix: Water

QC Batch#: 2005/02/05-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	6.0	1.0	mg/L	5.00	02/05/2005 11:40	
Sulfate	42	1.0	mg/L	5.00	02/05/2005 11:40	



Submission: 2005-02-0097

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	300.0/9056	Test(s):	300.0/9056			
Sample ID:	MW-12	Lab ID:	2005-02-0097 - 11			
Sampled:	02/03/2005 13:02	Extracted:	2/5/2005 11:55			
Matrix:	Water	QC Batch#:	2005/02/05-01.41			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	11	1.0	mg/L	5.00	02/05/2005 11:55	
Sulfate	19	1.0	mg/L	5.00	02/05/2005 11:55	

Severn Trent Laboratories, Inc.

02/08/2005 19:31

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496



Submission: 2005-02-0097

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 300.0/9056

Test(s): 300.0/9056

Method Blank**Water****QC Batch # 2005/02/05-01.41**

MB: 2005/02/05-01.41-001

Date Extracted: 02/05/2005 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Nitrate	ND	0.2	mg/L	02/05/2005 11:02	
Sulfate	ND	0.2	mg/L	02/05/2005 11:02	

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 300.0/9056

Test(s): 300.0/9056

Laboratory Control Spike**Water****QC Batch # 2005/02/05-01.41**

LCS 2005/02/05-01.41-004

Extracted: 02/05/2005

Analyzed: 02/05/2005 14:55

LCSD 2005/02/05-01.41-005

Extracted: 02/05/2005

Analyzed: 02/05/2005 15:10

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Nitrate	20.5	20.5	20	102.5	102.5	0.0	80-120	20		
Sulfate	20.4	20.5	20	102.0	102.5	0.5	80-120	20		

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	02/03/2005 12:05	Water	1
MW-2	02/03/2005 12:52	Water	2
MW-3	02/03/2005 12:17	Water	3
MW-6	02/03/2005 12:30	Water	4
MW-7	02/03/2005 12:40	Water	5
MW-8	02/03/2005 11:54	Water	6
MW-9	02/03/2005 12:35	Water	7
MW-4	02/03/2005 11:55	Water	8
MW-10	02/03/2005 12:51	Water	9
MW-11	02/03/2005 12:20	Water	10
MW-12	02/03/2005 13:02	Water	11

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-1	Lab ID:	2005-02-0097 - 1
Sampled:	02/03/2005 12:05	Extracted:	2/8/2005 18:12
Matrix:	Water	QC Batch#:	2005/02/08-2A-69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	160	50	ug/L	1.00	02/08/2005 18:12	Q1
Benzene	ND	0.50	ug/L	1.00	02/08/2005 18:12	
Toluene	ND	0.50	ug/L	1.00	02/08/2005 18:12	
Ethybenzene	ND	0.50	ug/L	1.00	02/08/2005 18:12	
Total xylenes	ND	1.0	ug/L	1.00	02/08/2005 18:12	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/08/2005 18:12	
Surrogate(s)						
1,2-Dichloroethane-d4	102.6	73-130	%	1.00	02/08/2005 18:12	
Toluene-d8	101.9	81-114	%	1.00	02/08/2005 18:12	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2	Lab ID:	2005-02-0097 - 2
Sampled:	02/03/2005 12:52	Extracted:	2/9/2005 11:59
Matrix:	Water	QC Batch#:	2005/02/09-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	02/09/2005 11:59	
Benzene	ND	0.50	ug/L	1.00	02/09/2005 11:59	
Toluene	ND	0.50	ug/L	1.00	02/09/2005 11:59	
Ethylbenzene	ND	0.50	ug/L	1.00	02/09/2005 11:59	
Total xylenes	ND	1.0	ug/L	1.00	02/09/2005 11:59	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/09/2005 11:59	
Surrogate(s)						
1,2-Dichloroethane-d4	98.8	73-130	%	1.00	02/09/2005 11:59	
Toluene-d8	101.2	81-114	%	1.00	02/09/2005 11:59	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2005-02-0097 - 3
Sampled:	02/03/2005 12:17	Extracted:	2/8/2005 19:27
Matrix:	Water	QC Batch#:	2005/02/08-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	110	50	ug/L	1.00	02/08/2005 19:27	Q1
Benzene	ND	0.50	ug/L	1.00	02/08/2005 19:27	
Toluene	ND	0.50	ug/L	1.00	02/08/2005 19:27	
Ethylbenzene	ND	0.50	ug/L	1.00	02/08/2005 19:27	
Total xylenes	ND	1.0	ug/L	1.00	02/08/2005 19:27	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/08/2005 19:27	
Surrogate(s)						
1,2-Dichloroethane-d4	107.0	73-130	%	1.00	02/08/2005 19:27	
Toluene-d8	107.2	81-114	%	1.00	02/08/2005 19:27	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-6	Lab ID:	2005-02-0097 - 4
Sampled:	02/03/2005 12:30	Extracted:	2/9/2005 12:25
Matrix:	Water	QC Batch#:	2005/02/09-1C 62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	52	50	ug/L	1.00	02/09/2005 12:25	Q1
Benzene	ND	0.50	ug/L	1.00	02/09/2005 12:25	
Toluene	ND	0.50	ug/L	1.00	02/09/2005 12:25	
Ethylbenzene	ND	0.50	ug/L	1.00	02/09/2005 12:25	
Total xylenes	ND	1.0	ug/L	1.00	02/09/2005 12:25	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/09/2005 12:25	
Surrogate(s)						
1,2-Dichloroethane-d4	102.7	73-130	%	1.00	02/09/2005 12:25	
Toluene-d8	97.5	81-114	%	1.00	02/09/2005 12:25	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-7	Lab ID:	2005-02-0097 - 5
Sampled:	02/03/2005 12:40	Extracted:	2/8/2005 20:05
Matrix:	Water	QC Batch#:	2005/02/08-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	02/08/2005 20:05	
Benzene	ND	0.50	ug/L	1.00	02/08/2005 20:05	
Toluene	ND	0.50	ug/L	1.00	02/08/2005 20:05	
Ethylbenzene	ND	0.50	ug/L	1.00	02/08/2005 20:05	
Total xylenes	ND	1.0	ug/L	1.00	02/08/2005 20:05	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/08/2005 20:05	
Surrogate(s)						
1,2-Dichloroethane-d4	109.7	73-130	%	1.00	02/08/2005 20:05	
Toluene-d8	104.6	81-114	%	1.00	02/08/2005 20:05	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-8	Lab ID:	2005-02-0097 - 6
Sampled:	02/03/2005 11:54	Extracted:	2/8/2005 20:24 2/11/2005 19:21
Matrix:	Water	QC Batch#:	2005/02/08-2A.69 2005/02/11-1A.07

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	9900	250	ug/L	5.00	02/08/2005 20:24	Q1
Benzene	ND	0.50	ug/L	1.00	02/11/2005 19:21	
Toluene	ND	0.50	ug/L	1.00	02/11/2005 19:21	
Ethylbenzene	ND	0.50	ug/L	1.00	02/11/2005 19:21	
Total xylenes	ND	1.0	ug/L	1.00	02/11/2005 19:21	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	02/08/2005 20:24	
Surrogate(s)						
1,2-Dichloroethane-d4	107.5	73-130	%	5.00	02/08/2005 20:24	
1,2-Dichloroethane-d4	98.7	73-130	%	1.00	02/11/2005 19:21	
Toluene-d8	104.7	81-114	%	5.00	02/08/2005 20:24	
Toluene-d8	100.1	81-114	%	1.00	02/11/2005 19:21	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-9	Lab ID:	2005-02-0097 - 7
Sampled:	02/03/2005 12:35	Extracted:	2/8/2005 21:39
Matrix:	Water	QC Batch#:	2005/02/08-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	02/08/2005 21:39	
Benzene	ND	0.50	ug/L	1.00	02/08/2005 21:39	
Toluene	ND	0.50	ug/L	1.00	02/08/2005 21:39	
Ethylbenzene	ND	0.50	ug/L	1.00	02/08/2005 21:39	
Total xylenes	ND	1.0	ug/L	1.00	02/08/2005 21:39	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/08/2005 21:39	
Surrogate(s)						
1,2-Dichloroethane-d4	111.6	73-130	%	1.00	02/08/2005 21:39	
Toluene-d8	105.2	81-114	%	1.00	02/08/2005 21:39	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-4	Lab ID:	2005-02-0097 - 8
Sampled:	02/03/2005 11:55	Extracted:	2/8/2005 21:58 2/11/2005 19:53
Matrix:	Water	QC Batch#:	2005/02/08-2A.69 2005/02/11-1A.07

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	3200	250	ug/L	5.00	02/08/2005 21:58	Q1
Benzene	ND	0.50	ug/L	1.00	02/11/2005 19:53	
Toluene	ND	0.50	ug/L	1.00	02/11/2005 19:53	
Ethylbenzene	ND	0.50	ug/L	1.00	02/11/2005 19:53	
Total xylenes	ND	1.0	ug/L	1.00	02/11/2005 19:53	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	02/08/2005 21:58	
Surrogate(s)						
1,2-Dichloroethane-d4	112.1	73-130	%	5.00	02/08/2005 21:58	
1,2-Dichloroethane-d4	101.9	73-130	%	1.00	02/11/2005 19:53	
Toluene-d8	106.5	81-114	%	5.00	02/08/2005 21:58	
Toluene-d8	104.0	81-114	%	1.00	02/11/2005 19:53	

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-10	Lab ID:	2005-02-0097 - 9
Sampled:	02/03/2005 12:51	Extracted:	2/9/2005 12:50
Matrix:	Water	QC Batch#:	2005/02/09-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	02/09/2005 12:50	
Benzene	ND	0.50	ug/L	1.00	02/09/2005 12:50	
Toluene	ND	0.50	ug/L	1.00	02/09/2005 12:50	
Ethylbenzene	ND	0.50	ug/L	1.00	02/09/2005 12:50	
Total xylenes	ND	1.0	ug/L	1.00	02/09/2005 12:50	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/09/2005 12:50	
Surrogate(s)						
1,2-Dichloroethane-d4	105.3	73-130	%	1.00	02/09/2005 12:50	
Toluene-d8	96.7	81-114	%	1.00	02/09/2005 12:50	

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-11	Lab ID:	2005-02-0097 - 10
Sampled:	02/03/2005 12:20	Extracted:	2/8/2005 22:35
Matrix:	Water	QC Batch#:	2005/02/08-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	260	50	ug/L	1.00	02/08/2005 22:35	Q1
Benzene	ND	0.50	ug/L	1.00	02/08/2005 22:35	
Toluene	ND	0.50	ug/L	1.00	02/08/2005 22:35	
Ethylbenzene	ND	0.50	ug/L	1.00	02/08/2005 22:35	
Total xylenes	ND	1.0	ug/L	1.00	02/08/2005 22:35	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/08/2005 22:35	
Surrogate(s)						
1,2-Dichloroethane-d4	110.0	73-130	%	1.00	02/08/2005 22:35	
Toluene-d8	102.8	81-114	%	1.00	02/08/2005 22:35	

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-12	Lab ID:	2005-02-0097 - 11
Sampled:	02/03/2005 13:02	Extracted:	2/9/2005 13:16
Matrix:	Water	QC Batch#:	2005/02/09-1C-62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	02/09/2005 13:16	
Benzene	ND	0.50	ug/L	1.00	02/09/2005 13:16	
Toluene	ND	0.50	ug/L	1.00	02/09/2005 13:16	
Ethylbenzene	ND	0.50	ug/L	1.00	02/09/2005 13:16	
Total xylenes	ND	1.0	ug/L	1.00	02/09/2005 13:16	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/09/2005 13:16	
Surrogate(s)						
1,2-Dichloroethane-d4	105.0	73-130	%	1.00	02/09/2005 13:16	
Toluene-d8	96.4	81-114	%	1.00	02/09/2005 13:16	



Submission: 2005-02-0097

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2005/02/08-2A.69**

MB: 2005/02/08-2A.69-039

Date Extracted: 02/08/2005 17:39

Compound	Conc.	RL	Unit	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/08/2005 17:39	
Benzene	ND	0.5	ug/L	02/08/2005 17:39	
Toluene	ND	0.5	ug/L	02/08/2005 17:39	
Ethylbenzene	ND	0.5	ug/L	02/08/2005 17:39	
Total xylenes	ND	1.0	ug/L	02/08/2005 17:39	
Surrogates(s)					
1,2-Dichloroethane-d4	99.4	73-130	%	02/08/2005 17:39	
Toluene-d8	98.6	81-114	%	02/08/2005 17:39	

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2005/02/09-1C.62**

MB: 2005/02/09-1C.62-059

Date Extracted: 02/09/2005 07:59

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	02/09/2005 07:59	
Benzene	ND	0.5	ug/L	02/09/2005 07:59	
Toluene	ND	0.5	ug/L	02/09/2005 07:59	
Ethylbenzene	ND	0.5	ug/L	02/09/2005 07:59	
Total xylenes	ND	1.0	ug/L	02/09/2005 07:59	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/09/2005 07:59	
Surrogates(s)					
1,2-Dichloroethane-d4	101.8	73-130	%	02/09/2005 07:59	
Toluene-d8	97.8	81-114	%	02/09/2005 07:59	

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2005/02/11-1A.07**

MB: 2005/02/11-1A.07-008

Date Extracted: 02/11/2005 17:14

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzene	ND	0.5	ug/L	02/11/2005 17:14	
Toluene	ND	0.5	ug/L	02/11/2005 17:14	
Ethylbenzene	ND	0.5	ug/L	02/11/2005 17:14	
Total xylenes	ND	1.0	ug/L	02/11/2005 17:14	
Surrogates(s)					
1,2-Dichloroethane-d4	97.2	73-130	%	02/11/2005 17:14	
Toluene-d8	100.8	81-114	%	02/11/2005 17:14	

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water**

QC Batch # 2005/02/08-2A.69

LCS 2005/02/08-2A.69-021

Extracted: 02/08/2005

Analyzed: 02/08/2005 17:21

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.7		25	86.8		65-165	20			
Benzene	20.1		25	80.4		69-129	20			
Toluene	22.0		25	88.0		70-130	20			
Surrogates(s)										
1,2-Dichloroethane-d4	472		500	94.4		73-130				
Toluene-d8	527		500	105.4		81-114				

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water**

QC Batch # 2005/02/09-1C.62

LCS 2005/02/09-1C.62-033
LCSD

Extracted: 02/09/2005

Analyzed: 02/09/2005 07:33

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.3		25	105.2		65-165	20			
Benzene	23.9		25	95.6		69-129	20			
Toluene	24.5		25	98.0		70-130	20			
Surrogates(s)										
1,2-Dichloroethane-d4	467		500	93.4		73-130				
Toluene-d8	512		500	102.4		81-114				

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/02/11-1A.07**

LCS 2005/02/11-1A.07-007

Extracted: 02/11/2005

Analyzed: 02/11/2005 16:43

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	19.0		25	76.0			69-129	20		
Toluene	22.3		25	89.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	499		500	99.8			73-130			
Toluene-d8	502		500	100.4			81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/02/08-2A.69

MW-1 >> MS

Lab ID: 2005-02-0097 - 001

MS: 2005/02/08-2A.69-031

Extracted: 02/08/2005

Analyzed: 02/08/2005 18:31

MSD: 2005/02/08-2A.69-050

Extracted: 02/08/2005

Dilution: 1.00

Analyzed: 02/08/2005 18:50

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.3	25.0	ND	25	93.2	100.0	7.0	65-165	20		
Benzene	20.7	26.4	ND	25	82.8	105.6	24.2	69-129	20		
Toluene	21.5	26.3	ND	25	86.0	105.2	20.1	70-130	20		R1
Surrogate(s)											R1
1,2-Dichloroethane-d4	499	499		500	99.8	99.8		73-130			
Toluene-d8	515	502		500	103.0	100.4		81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)**Water****QC Batch # 2005/02/09-1C.62**

MS/MSD

Lab ID: 2005-02-0055 - 001

MS: 2005/02/09-1C.62-058

Extracted: 02/09/2005

Analyzed: 02/09/2005 08:59

MSD: 2005/02/09-1C.62-025

Extracted: 02/09/2005

Analyzed: 02/09/2005 09:25

Dilution: 1.00

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	25.1	29.3	ND	25	100.4	117.2	15.4	65-165	20		
Benzene	22.6	23.7	ND	25	90.4	94.8	4.8	69-129	20		
Toluene	24.4	26.0	ND	25	97.6	104.0	6.3	70-130	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	458	496		500	91.6	99.2		73-130			
Toluene-d8	513	505		500	102.6	101.0		81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 5030B	Test(s): 8260B	
Matrix Spike (MS / MSD)	Water	QC Batch # 2005/02/11-1A.07
MS/MSD		Lab ID: 2005-02-0101 - 001
MS: 2005/02/11-1A.07-010	Extracted: 02/11/2005	Analyzed: 02/11/2005 18:20
MSD: 2005/02/11-1A.07-011	Extracted: 02/11/2005	Dilution: 1.00
		Analyzed: 02/11/2005 18:51
		Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	20.2	21.8	4.47	25	62.9	69.3	9.7	69-129	20	M5	
Toluene	24.5	26.2	6.6	25	71.6	78.4	9.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	505	518		500	101.0	103.6		73-130			
Toluene-d8	500	516		500	100.0	103.2		81-114			

Gas/BTEX/MTBE by 8260B

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Project: 41050001/FA20

Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Legend and Notes

Analysis Flag

L2

Reporting limits were raised due to high level of analyte present
in the sample.

Result Flag

M5

MS/MSD spike recoveries were below acceptance limits.
See blank spike (LCS).

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

R1

Analyte RPD was out of QC limits.



Submission: 2005-02-0097

Dissolved Metals

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-4	02/03/2005 11:55	Water	8
MW-10	02/03/2005 12:51	Water	9
MW-11	02/03/2005 12:20	Water	10
MW-12	02/03/2005 13:02	Water	11

Dissolved Metals

TRC Alton Geoscience- Irvine

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s): 3005A

Test(s): 6010B

Sample ID: MW-4

Lab ID: 2005-02-0097 - 8

Sampled: 02/03/2005 11:55

Extracted: 2/7/2005 12:42

Matrix: Water

QC Batch#: 2005/02/07-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	2.4	0.20	mg/L	1.00	02/08/2005 14:02	
Manganese	1.6	0.0050	mg/L	1.00	02/08/2005 14:02	

Dissolved Metals

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3005A	Test(s):	6010B
Sample ID:	MW-10	Lab ID:	2005-02-0097 - 9
Sampled:	02/03/2005 12:51	Extracted:	2/7/2005 12:42
Matrix:	Water	QC Batch#:	2005/02/07-05.15
Compound		Conc.	RL
Iron		ND	0.20
Manganese		0.20	0.0050
		Unit	Dilution
		mg/L	1.00
		mg/L	1.00
		Analyzed	Flag
		02/08/2005 14:05	
		02/08/2005 14:05	

Dissolved Metals

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s): 3005A

Test(s): 6010B

Sample ID: MW-11

Lab ID: 2005-02-0097 - 10

Sampled: 02/03/2005 12:20

Extracted: 2/7/2005 12:42

Matrix: Water

QC Batch#: 2005/02/07-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	ND	0.20	mg/L	1.00	02/08/2005 14:08	
Manganese	ND	0.0050	mg/L	1.00	02/08/2005 14:08	

Dissolved Metals

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Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3005A	Test(s):	6010B			
Sample ID:	MW-12	Lab ID:	2005-02-0097 - 11			
Sampled:	02/03/2005 13:02	Extracted:	2/7/2005 12:42			
Matrix:	Water	QC Batch#:	2005/02/07-05.15			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Iron	ND	0.20	mg/L	1.00	02/08/2005 14:11	
Manganese	ND	0.0050	mg/L	1.00	02/08/2005 14:11	



Submission: 2005-02-0097

Dissolved Metals

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Method Blank**Water****QC Batch # 2005/02/07-05.15**

MB: 2005/02/07-05.15-001

Date Extracted: 02/07/2005 12:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Iron	ND	0.20	mg/L	02/08/2005 13:46	
Manganese	ND	0.0050	mg/L	02/08/2005 13:46	

Severn Trent Laboratories, Inc.

02/17/2005 08:15

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Dissolved Metals

TRC Alton Geoscience- Irvine

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Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike**Water****QC Batch # 2005/02/07-05.15**

LCS 2005/02/07-05.15-002

Extracted: 02/07/2005

Analyzed: 02/08/2005 13:49

LCSD 2005/02/07-05.15-003

Extracted: 02/07/2005

Analyzed: 02/08/2005 13:52

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Iron	5.38	5.17	5.00	107.6	103.4	4.0	80-120	20		
Manganese	0.530	0.510	0.500	106.0	102.0	3.8	80-120	20		



Submission: 2005-02-0097

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	02/03/2005 12:05	Water	1
MW-3	02/03/2005 12:17	Water	3
MW-6	02/03/2005 12:30	Water	4
MW-7	02/03/2005 12:40	Water	5
MW-8	02/03/2005 11:54	Water	6
MW-9	02/03/2005 12:35	Water	7
MW-11	02/03/2005 12:20	Water	10
MW-12	02/03/2005 13:02	Water	11

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

02/18/2005 16:53

Page 1 of 16

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-1	Lab ID:	2005-02-0097 - 1
Sampled:	02/03/2005 12:05	Extracted:	2/17/2005 11:51
Matrix:	Water	QC Batch#:	2005/02/17-5A:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	450	50	ug/L	1.00	02/18/2005 12:59	Q2
Surrogate(s) o-Terphenyl	90.3	60-130	%	1.00	02/18/2005 12:59	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-3	Lab ID:	2005-02-0097 - 3
Sampled:	02/03/2005 12:17	Extracted:	2/14/2005 05:10
Matrix:	Water	QC Batch#:	2005/02/14-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	230	50	ug/L	1.00	02/16/2005 23:40	Q2
Surrogate(s)						
o-Terphenyl	76.7	60-130	%	1.00	02/16/2005 23:40	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M			
Sample ID:	MW-6	Lab ID:	2005-02-0097 - 4			
Sampled:	02/03/2005 12:30	Extracted:	2/14/2005 05:10			
Matrix:	Water	QC Batch#:	2005/02/14-1A.10			
Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	200	50	ug/L	1.00	02/17/2005 02:22	Q2
Surrogate(s)						
o-Terphenyl	76.4	60-130	%	1.00	02/17/2005 02:22	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-7	Lab ID:	2005-02-0097 - 5
Sampled:	02/03/2005 12:40	Extracted:	2/14/2005 05:10
Matrix:	Water	QC Batch#:	2005/02/14-1A.10
Compound		Conc.	RL
Diesel		ND	50
Surrogate(s)			ug/L
o-Terphenyl	72.3	60-130	%
Dilution			Analyzed
1.00			02/17/2005 01:55
			Flag

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-8	Lab ID:	2005-02-0097 - 6
Sampled:	02/03/2005 11:54	Extracted:	2/14/2005 05:10
Matrix:	Water	QC Batch#:	2005/02/14-1A.10
Compound	Conc.	RL	Unit
Diesel	11000	50	ug/L
Surrogate(s)			
o-Terphenyl	75.8	60-130	%
		1.00	02/17/2005 01:28
			Q2

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-9	Lab ID:	2005-02-0097 - 7
Sampled:	02/03/2005 12:35	Extracted:	2/17/2005 18:19
Matrix:	Water	QC Batch#:	2005/02/17-1Z.10
Compound		Conc.	RL
Diesel		ND	50
Surrogate(s)			ug/L
o-Terphenyl	74.8	60-130	%
Dilution			Analyzed
1.00			02/18/2005 12:25
			Flag

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-11	Lab ID:	2005-02-0097 - 10
Sampled:	02/03/2005 12:20	Extracted:	2/14/2005 05:10
Matrix:	Water	QC Batch#:	2005/02/14-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	150	50	ug/L	1.00	02/17/2005 00:34	Q2
Surrogate(s) o-Terphenyl	87.9	60-130	%	1.00	02/17/2005 00:34	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Prep(s): 3510/8015M

Test(s): 8015M

Sample ID: MW-12

Lab ID: 2005-02-0097 - 11

Sampled: 02/03/2005 13:02

Extracted: 2/14/2005 05:10

Matrix: Water

QC Batch#: 2005/02/14-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	02/17/2005 00:07	
Surrogate(s)						
o-Terphenyl	74.0	60-130	%	1.00	02/17/2005 00:07	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Method Blank**Water****QC Batch # 2005/02/14-1A.10**

MB: 2005/02/14-1A.10-001

Date Extracted: 02/14/2005 05:10

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	02/15/2005 00:54	
Surrogates(s) o-Terphenyl	89.6	50-120	%	02/15/2005 00:54	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Method Blank**Water****QC Batch # 2005/02/17-1Z.10**

MB: 2005/02/17-1Z.10-001

Date Extracted: 02/17/2005 18:19

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	02/18/2005 12:52	
Surrogates(s) o-Terphenyl	91.3	50-120	%	02/18/2005 12:52	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Method Blank**Water****QC Batch # 2005/02/17-5A.10**

MB: 2005/02/17-5A.10-001

Date Extracted: 02/17/2005 11:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	02/18/2005 11:10	
Surrogates(s) o-Terphenyl	96.9	50-120	%	02/18/2005 11:10	

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike**Water****QC Batch # 2005/02/14-1A.10**

LCS 2005/02/14-1A.10-002

Extracted: 02/14/2005

Analyzed: 02/15/2005 00:27

LCSD 2005/02/14-1A.10-003

Extracted: 02/14/2005

Analyzed: 02/15/2005

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	706	830	1000	70.6	83.0	16.1	60-130	25		
Surrogates(s) o-Terphenyl	17.2	18.4	20.0	86.1	92.2		50-120			

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike**Water****QC Batch # 2005/02/17-1Z.10**

LCS 2005/02/17-1Z.10-002

Extracted: 02/17/2005

Analyzed: 02/18/2005 13:19

LCSD 2005/02/17-1Z.10-003

Extracted: 02/17/2005

Analyzed: 02/18/2005 11:58

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	968	945	1000	96.8	94.5	2.4	60-130	25		
Surrogates(s) o-Terphenyl	19.7	19.9	20.0	98.4	99.3		50-120			

Diesel

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20
Conoco Phillips #0220

Received: 02/04/2005 09:15

Site: 720 N. Franklin St., Fort Bragg

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike**Water**

QC Batch # 2005/02/17-5A.10

LCS 2005/02/17-5A.10-002

Extracted: 02/17/2005

Analyzed: 02/18/2005 11:37

LCSD 2005/02/17-5A.10-003

Extracted: 02/17/2005

Analyzed: 02/18/2005 12:04

Compound	Conc.	ug/L	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	919	889	1000	91.9	88.9	3.3	60-130	25		
Surrogates(s) o-Terphenyl	21.1	20.7	20.0	105.7	103.6		50-120			

Diesel

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Received: 02/04/2005 09:15

Conoco Phillips #0220

Site: 720 N. Franklin St., Fort Bragg

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.



STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

February 9, 2005

STL LOT NUMBER: E5B050162

Dimple Sharma
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Dear Ms. Sharma,

This report contains the analytical results for the four samples received under chain of custody by STL Los Angeles on February 5, 2005. These samples are associated with your Submission No. 2005-02-0097 project.

The preliminary results were sent via email on February 8, 2005.

STL Los Angeles certifies that the test results provided in this report meet all the requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of the report. NELAP Certification Number is 01118CA / E87652.

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000019

This report contains _____ pages.



SEVERN
TRENT

STL

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

CASE NARRATIVE

All applicable quality control procedures met method-specified acceptance criteria. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. Any matrix related anomalies are footnoted within the report.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,



Jesse Bacwaden
Project Manager

CC: Project File



SEVERN
TRENT **STL**

-CS BUS WOC
Chain of Custody

Date Shipped: 2/4/2005

2005-02-0097 - 1

From:	To:			
STL San Francisco (CL) 1220 Quarry Lane Pleasanton, CA 94566-4756	STL Los Angeles - Sub contract 1721 South Grand Avenue Santa Ana, CA 92705			
Project Manager: Phone: (925) 484-1919	Dimple Sharma Ext: (714) 258-8610 Ext: Fax: (925) 484-1096 Email: dsharma@stl-inc.com			
Project #: 2005-02-0097 CL PO #:	Phone: (714) 258-8610 Ext: Contact: Sample Control Project #: 41050001/FA20 Project Name: Conoco Phillips #0220			
[Redacted]				
MW-4	8	2/3/2005 11:55:00AM	Water	
Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/				
MW-10	9	2/3/2005 12:51:00PM	Water	
Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/				
MW-11	10	2/3/2005 12:20:00PM	Water	
Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/				
MW-12	11	2/3/2005 1:02:00PM	Water	
Subcontract - Methane and CO ₂ in water /*DISSOLVED METHANE ONLY*/				

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY:	1.
	14:30
Signature	Time
Brian Thomas	2/4/05
Printed Name	Date
STL-SF	
Company	
RECEIVED BY:	1.
	10:00
Signature	Time
Brian Thomas	02/05/05
Printed Name	Date
402 - 40	
Company	

RELINQUISHED BY:	2.
Signature	Time
Printed Name	Date
Company	
RECEIVED BY:	2.
Signature	Time
Printed Name	Date
Company	

RELINQUISHED BY:	3.
Signature	Time
Printed Name	Date
Company	
RECEIVED BY:	3.
Signature	Time
Printed Name	Date
Company	

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 02/05/05

LIMS Lot #: ESB050162

Quote #: 607741

Client Name: SIZ-SF

Project:

Received by: AB

Date/Time Received: 02/05/05 @ 1000

Delivered by : Client STL DHL FedEx UPS Other _____

Initial / Date

Custody Seal Status Cooler: Intact Broken None Absent

Custody Seal Status Samples: Intact Broken None

Custody Seal #(s): 607741 No Seal #.....

Sampler Signature on COC Yes No N/A

IR Gun # A Correction Factor -0.2°C IR passed daily verification Yes No

Temperature - BLANK 2.8°C +/- 0.2CF = 2.6°C

Temperature - COOLER (°C °C °C °C) = avg °C +/- CF = °C

Samples outside temperature criteria but received within 6 hours of final sampling Yes N/A

Sample Container(s): STL-LA Client

One COC/Multiple coolers: Yes- # coolers All within temp criteria Yes No N/A

One or more coolers with an anomaly: Yes - (fill out PRC for each) N/A

Samples: Intact Broken Other

pH measured: Yes Anomaly (if checked, notify lab and file NCM) N/A

Anomalies: No Yes - complete CUR and Create NCM NCM #

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times Yes N/A

Labeled by: AB Labeling checked AB

Turn Around Time: RUSH-24HR RUSH-48HR RUSH-72HR NORMAL

Short-Hold Notification: pH Wet Chem Metals (Filter/Pres) Encore >1/2 HT expired...

Outside Analysis(es) (Test/Lab/Date Sent Out):
.....
.....
.....

***** LEAVE NO BLANK SPACES ; USE N/A *****

Headspace Anomaly					<input checked="" type="checkbox"/> N/A <u>Absent</u>
Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm

LIMS Lot # ESB050168

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1	2	3	4									
VOAH/*	3	2	3	2									

* VOA with headspace/bubbles < 6mm

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL: Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore
AGB: Amber Glass Bottle, n/f1:HNO3-Lab filtered, n/f2:HNO3-Field filtered, zna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfateCondition Upon Receipt Anomaly Form N/A 10/20/05 105

<ul style="list-style-type: none"> COOLERS <ul style="list-style-type: none"> _ Not Received (received COC only) _ Leaking _ Other: 	<ul style="list-style-type: none"> CUSTODY SEALS (COOLER(S)) <ul style="list-style-type: none"> _ None _ Not Intact _ Other 	<ul style="list-style-type: none"> CONTAINER(S) <ul style="list-style-type: none"> _ None _ Not Intact _ Other
<ul style="list-style-type: none"> TEMPERATURE (SPECS 4 ± 2°C) <ul style="list-style-type: none"> _ Cooler Temp(s) _ Temperature Blank(s) 	<ul style="list-style-type: none"> CHAIN OF CUSTODY (COC) <ul style="list-style-type: none"> _ Not relinquished by Client; No date/time relinquished _ Incomplete information provided _ Other <input type="checkbox"/> COC not received – notify PM 	
<ul style="list-style-type: none"> CONTAINERS <ul style="list-style-type: none"> _ Leaking <input type="checkbox"/> VOA Vials with Bubbles > 6mm _ Broken _ Extra _ Without Labels _ Other: 	<ul style="list-style-type: none"> LABELS <ul style="list-style-type: none"> _ Not the same ID/info as in COC _ Incomplete Information _ Markings/Info illegible _ Torn 	
<ul style="list-style-type: none"> SAMPLES <ul style="list-style-type: none"> <input type="checkbox"/> Samples NOT RECEIVED but listed on COC <input type="checkbox"/> Samples received but NOT LISTED on COC <input type="checkbox"/> Logged based on Label Information <input type="checkbox"/> Logged based on info from other samples on COC <input type="checkbox"/> Logged according to Work Plan <input type="checkbox"/> Logged on HOLD UNTIL FURTHER NOTICE 	<ul style="list-style-type: none"> Will be noted on COC—Client to send samples with new COC <input type="checkbox"/> Mislabeled as to tests, preservatives, etc. <input type="checkbox"/> Holding time expired – list sample ID and test <input type="checkbox"/> Improper container used <input type="checkbox"/> Not preserved/Improper preservative used <input type="checkbox"/> Improper pH _____ Lab to preserve sample and document <input type="checkbox"/> Insufficient quantities for analysis <input type="checkbox"/> Other 	

Comments:

 Corrective Action Implemented: Client Informed: verbally on _____ By: _____ In writing on _____ By: _____ Sample(s) on hold until: _____ Sample(s) processed "as is."Logged by/Date: 10/20/05 105PM Review/Date: 10/12/07 0708

**SEVERN
TRENT** **STL**

Analytical Report

ANALYTICAL REPORT

PROJECT NO. CONOCO PHILLIPS #0220

2005-02-0097

Lot #: E5B050162

Dimple Sharma

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

**Jesse Bacwaden
Project Manager**

February 9, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5B050162

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
MW-4 02/03/05 11:55 001				
Methane	0.021	0.0010	mg/L	RSK SOP-175

METHODS SUMMARY

E5B050162

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Dissolved Gases in Water	RSK SOP-175	RSK RSKSOP-175

References:

RSK Sample Prep and Calculations for Dissolved Gas Analysis
 in Water Samples Using a GC Headspace Equilibration
 Technique, RSKSOP-175, REV. 0, 8/11/94, USEPA Research Lab

SAMPLE SUMMARY

ESB050162

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G3V36	001	MW-4	02/03/05	11:55
G3V38	002	MW-10	02/03/05	12:51
G3V4C	003	MW-11	02/03/05	12:20
G3V4E	004	MW-12	02/03/05	13:02

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: MW-4

GC Volatiles

**Lot-Sample #....: E5B050162-001 Work Order #....: G3V361AA Matrix.....: WG
Date Sampled....: 02/03/05 11:55 Date Received...: 02/05/05 10:00 MS Run #.....:
Prep Date.....: 02/07/05 Analysis Date...: 02/07/05
Prep Batch #....: 5039206 Analysis Time...: 18:24
Dilution Factor: 1
Analyst ID.....: 402431 Instrument ID...: GC1
Method.....: RSK SOP-175**

PARAMETER	REPORTING		
	RESULT	LIMIT	UNITS
Methane	0.021	0.0010	mg/L

STL SAN FRANCISCO

Client Sample ID: MW-10

GC Volatiles

Lot-Sample #....: E5B050162-002 **Work Order #....:** G3V381AA **Matrix.....:** WG
Date Sampled....: 02/03/05 12:51 **Date Received...:** 02/05/05 10:00 **MS Run #.....:**
Prep Date.....: 02/07/05 **Analysis Date...:** 02/07/05
Prep Batch #....: 5039206 **Analysis Time...:** 19:25
Dilution Factor: 1
Analyst ID.....: 402431 **Instrument ID...:** GC1
Method.....: RSK SOP-175

PARAMETER	REPORTING		
	RESULT	LIMIT	UNITS
Methane	ND	0.0010	mg/L

STL SAN FRANCISCO

Client Sample ID: MW-11

GC Volatiles

**Lot-Sample #....: E5B050162-003 Work Order #....: G3V4C1AA Matrix.....: WG
Date Sampled...: 02/03/05 12:20 Date Received...: 02/05/05 10:00 MS Run #.....:
Prep Date.....: 02/07/05 Analysis Date...: 02/07/05
Prep Batch #....: 5039206 Analysis Time...: 19:49
Dilution Factor: 1
Analyst ID.....: 402431 Instrument ID...: GC1
Method.....: RSK SOP-175**

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Methane	ND	0.0010	mg/L

STL SAN FRANCISCO

Client Sample ID: MW-12

GC Volatiles

**Lot-Sample #....: E5B050162-004 Work Order #....: G3V4E1AA Matrix.....: WG
Date Sampled...: 02/03/05 13:02 Date Received..: 02/05/05 10:00 MS Run #.....:
Prep Date.....: 02/07/05 Analysis Date...: 02/07/05
Prep Batch #....: 5039206 Analysis Time...: 20:12
Dilution Factor: 1
Analyst ID.....: 402431 Instrument ID...: GC1
 Method.....: RSK SOP-175**

PARAMETER	REPORTING		
	RESULT	LIMIT	UNITS
Methane	ND	0.0010	mg/L

SEVERN
TRENT

STL

QA/QC

QC DATA ASSOCIATION SUMMARY

E5B050162

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	WG	RSK SOP-175		5039206	
002	WG	RSK SOP-175		5039206	
003	WG	RSK SOP-175		5039206	
004	WG	RSK SOP-175		5039206	

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E5B050162 **Work Order #...:** G30RV1AA **Matrix.....:** WATER
MB Lot-Sample #: M5B080000-206
Analysis Date..: 02/07/05 **Prep Date.....:** 02/07/05 **Analysis Time..:** 11:27
Dilution Factor: 1 **Prep Batch #...:** 5039206 **Instrument ID..:** GC1
 Analyst ID.....: 402431

PARAMETER	REPORTING			METHOD
	RESULT	LIMIT	UNITS	
Methane	ND	0.0010	mg/L	RSK SOP-175

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E5B050162 Work Order #....: G30RV1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: M5B080000-206 G30RV1AD-LCSD
Prep Date.....: 02/07/05 Analysis Date...: 02/07/05
Prep Batch #....: 5039206 Analysis Time...: 10:38
Dilution Factor: 1 Instrument ID...: GC1
Analyst ID.....: 402431

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
Methane	99	(70 - 125)	1.4	(0-30)	RSK SOP-175
	98	(70 - 125)			RSK SOP-175
Ethane	99	(70 - 125)	0.99	(0-20)	RSK SOP-175
	98	(70 - 125)			RSK SOP-175
Ethene	108	(70 - 125)	1.0	(0-20)	RSK SOP-175
	107	(70 - 125)			RSK SOP-175

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E5B050162 **Work Order #....:** G30RV1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: M5B080000-206 **G30RV1AD-LCSD**
Prep Date.....: 02/07/05 **Analysis Date...:** 02/07/05
Prep Batch #....: 5039206 **Analysis Time...:** 10:38
Dilution Factor: 1 **Instrument ID...:** GC1
Analyst ID.....: 402431

PARAMETER	SPIKE	MEASURED		PERCENT	RPD	METHOD
	AMOUNT	AMOUNT	UNITS			
Methane	0.327	0.324	mg/L	99		RSK SOP-175
	0.327	0.320	mg/L	98	1.4	RSK SOP-175
Ethane	0.612	0.606	mg/L	99		RSK SOP-175
	0.612	0.600	mg/L	98	0.99	RSK SOP-175
Ethene	0.571	0.618	mg/L	108		RSK SOP-175
	0.571	0.612	mg/L	107	1.0	RSK SOP-175

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

ConocoPhillips Chain Of Custody Record

STL-San Francisco

CONOCOPHILLIPS Attn: Dan Hutchinson 3611 South Harbor, Suite 200 Seattle, WA 98104		ConocoPhillips Work Order Number 0927-722-507	DATE 02-05-05
INVOICE REMITTANCE ADDRESS: 220 Technology Drive, Irvine CA 92618 PROJECT CONTACT (Name/Ext. or Phone Number): Ajju Farfan, TRC TELPHONE: 949-752-0111 SAMPLE NUMBER: 162 / 163		ConocoPhillips Cos. Object 2005-02-0097	PAGE 2
SAMPLE ID: 220		Overall ID No: 726-04-523-174	
		RECEIVED DATE: 02/06/05	RECEIVED BY: Jeffrey J. Carty
		PHONE NO: 949-341-7408	LABORATORY: Techtronics Inc.
		REQUESTED ANALYSES	
		FIELD NOTES: Continuous Reservation of PID Readings at Laboratory Notes	
REQUESTED ANALYSES 2015M - TPHG / BTEX / 8 OXigenates 2250B - TPHG / BTEX / 8 OXigenates 2250S - TPHG / BTEX / 8 OXigenates 2260B - TPHG / BTEX / 8 OXigenates 2260E - TPHG / BTEX / 8 OXigenates 2270C - Semi-Volatiles 2015M - TPHG / BTEX / 8 OXigenates 2250B - TPHG / BTEX / 8 OXigenates 2250S - TPHG / BTEX / 8 OXigenates 2260B - TPHG / BTEX / 8 OXigenates 2260E - TPHG / BTEX / 8 OXigenates 2270C - Semi-Volatiles 2015M - TPHG / BTEX / 8 OXigenates 2250B - TPHG / BTEX / 8 OXigenates 2250S - TPHG / BTEX / 8 OXigenates 2260B - TPHG / BTEX / 8 OXigenates 2260E - TPHG / BTEX / 8 OXigenates 2270C - Semi-Volatiles 2015M - TPHG / BTEX / 8 OXigenates 2250B - TPHG / BTEX / 8 OXigenates 2250S - TPHG / BTEX / 8 OXigenates 2260B - TPHG / BTEX / 8 OXigenates 2260E - TPHG / BTEX / 8 OXigenates 2270C - Semi-Volatiles 2015M - TPHG / BTEX / 8 OXigenates 2250B - TPHG / BTEX / 8 OXigenates 2250S - TPHG / BTEX / 8 OXigenates 2260B - TPHG / BTEX / 8 OXigenates 2260E - TPHG / BTEX / 8 OXigenates 2270C - Semi-Volatiles 3 (250) ml pig water			
REMARKS/DISCLAIMERS/CALENDAR DAYS: <input type="checkbox"/> 4 days <input checked="" type="checkbox"/> 7 days <input type="checkbox"/> 10 hours <input type="checkbox"/> 18 hours <input type="checkbox"/> less than 24 hours NO PRESERVED FRESH (24 HR. HOLD TIME) DISCLOSED MILESTONE			
SPECIAL INSTRUCTIONS/NOTES: CHECK ONE OR BOTH BOXES: <input checked="" type="checkbox"/> <input type="checkbox"/>			
NORTH TWO ST. 1-FAR (48 Hr hold time) Field point name only, located in different from Sample ID Use Sample Identification/Field Point Name. No. CH COUNT			
DATE TIME 1/15-4 00:00-55 4:40 PM 1/16-15 12:51 1 1/16-11 12:30 1 1/16-12 13:01 1			
Received by (Signature) John Carty Received by (Signature) Conoco Phillips			
Received by (Signature) John Carty Received by (Signature) Conoco Phillips			

KODAK FINEGRAIN

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.